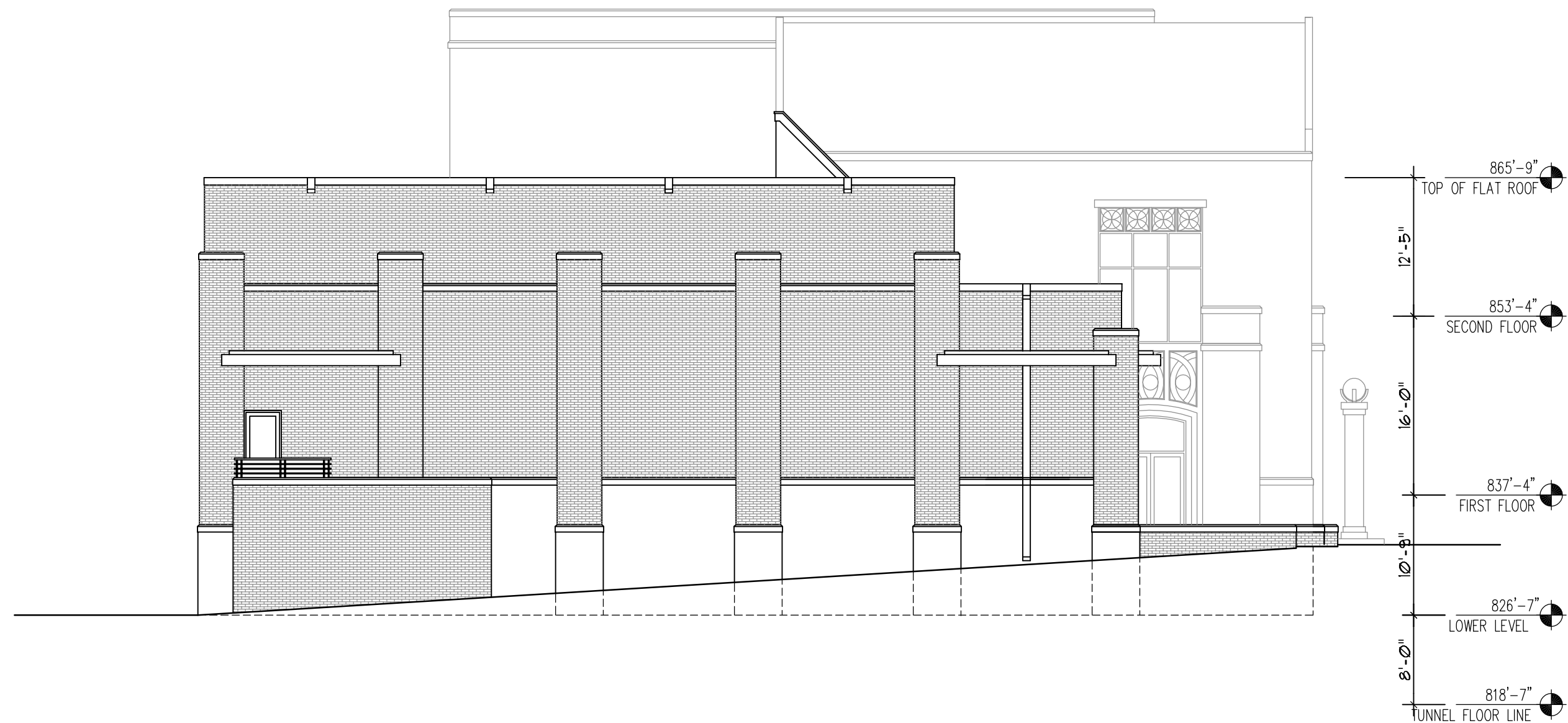
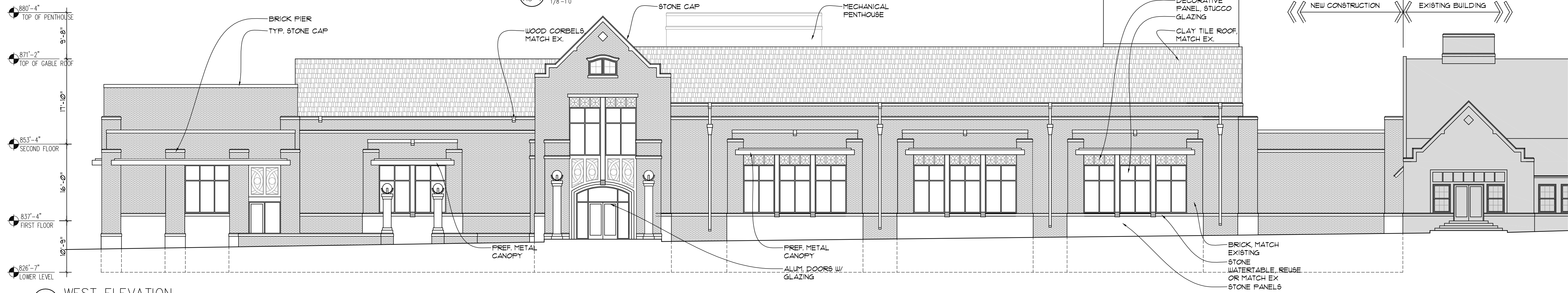




3 EAST ELEVATION
A5-1 1/8"-10"



2 NORTH ELEVATION
A5-1 1/8"-10"



1 WEST ELEVATION
A5-1 1/8"-10"

Certification

Project Information
BUILDING ADDITION
MINNESOTA MASONIC
CHARITIES

11501 Masonic Home Drive
Bloomington, Minnesota 55437

Revisions

DEMOLITION BID

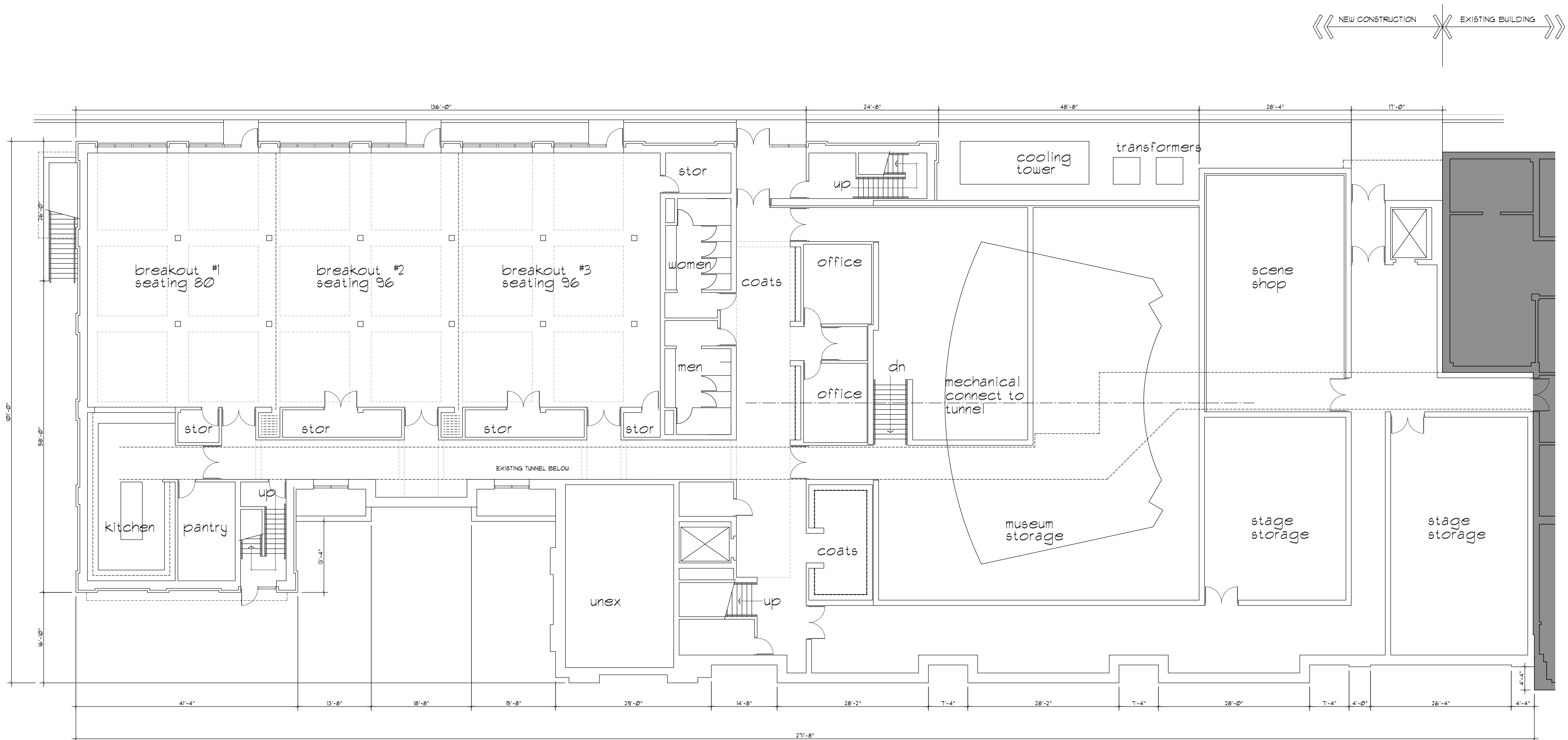
Date: 05/06/14
Drawn By: JG
Checked By: AP
Job Number: B4012



Sheet Information
EXTERIOR ELEVATIONS

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A5-1



Certification

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota.

Print Name: Alan John Plutowski

Signature:

Date: License #:

Project Information

BUILDING ADDITION
MINNESOTA MASONIC
CHARITIES

11501 Masonic Home Drive
Bloomington, Minnesota 55437

Revisions

AGENCY REVIEW

Date: 05/06/14

Drawn By: JG

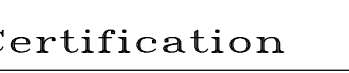
Checked By: AP

Job Number: B4012



Sheet Information

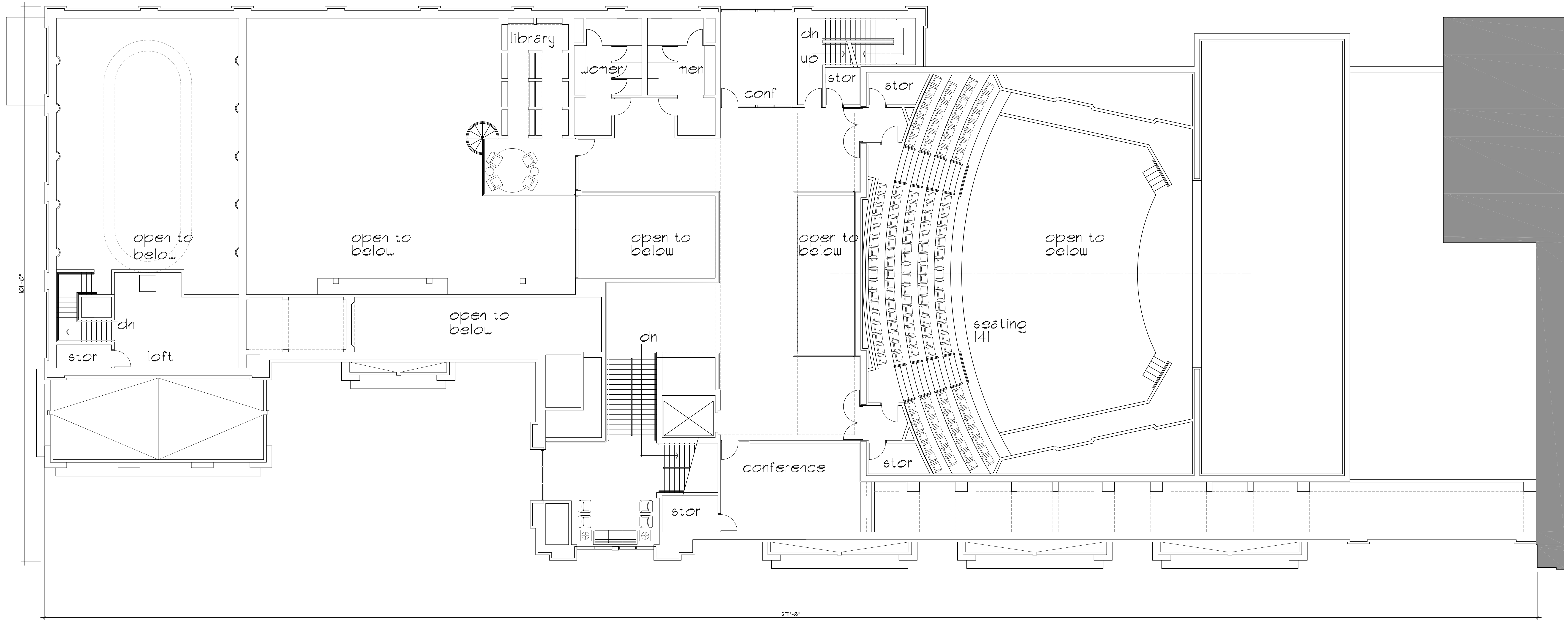
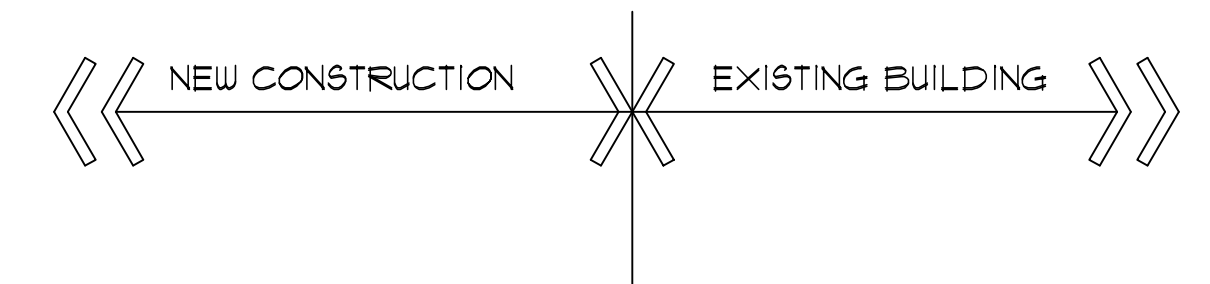
LOWER LEVEL PLAN



1501 Masonic Home Drive
 Bloomington, Minnesota 55437

DEMOLITION BID

FIRST FLOOR PLAN



Certification

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota.

Print Name: Alan John Plutowski

Signature: _____

Date: _____ License #: _____

Project Information

BUILDING ADDITION
MINNESOTA MASONIC
CHARITIES

11501 Masonic Home Drive
Bloomington, Minnesota 55437

Revisions

AGENCY REVIEW

Date: 05/06/14

Drawn By: JG

Checked By: AP

Job Number: B4012



Sheet Information

SECOND FLOOR PLAN

BUILDING ADDITION
MINNESOTA MASONIC CHARITIES

11501 MASONIC HOME DR., BLOOMINGTON, MN 55437

MINNESOTA MASONIC CHARITIES
11501 MASONIC HOME DR., BLOOMINGTON, MN 55437

PROJECT

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

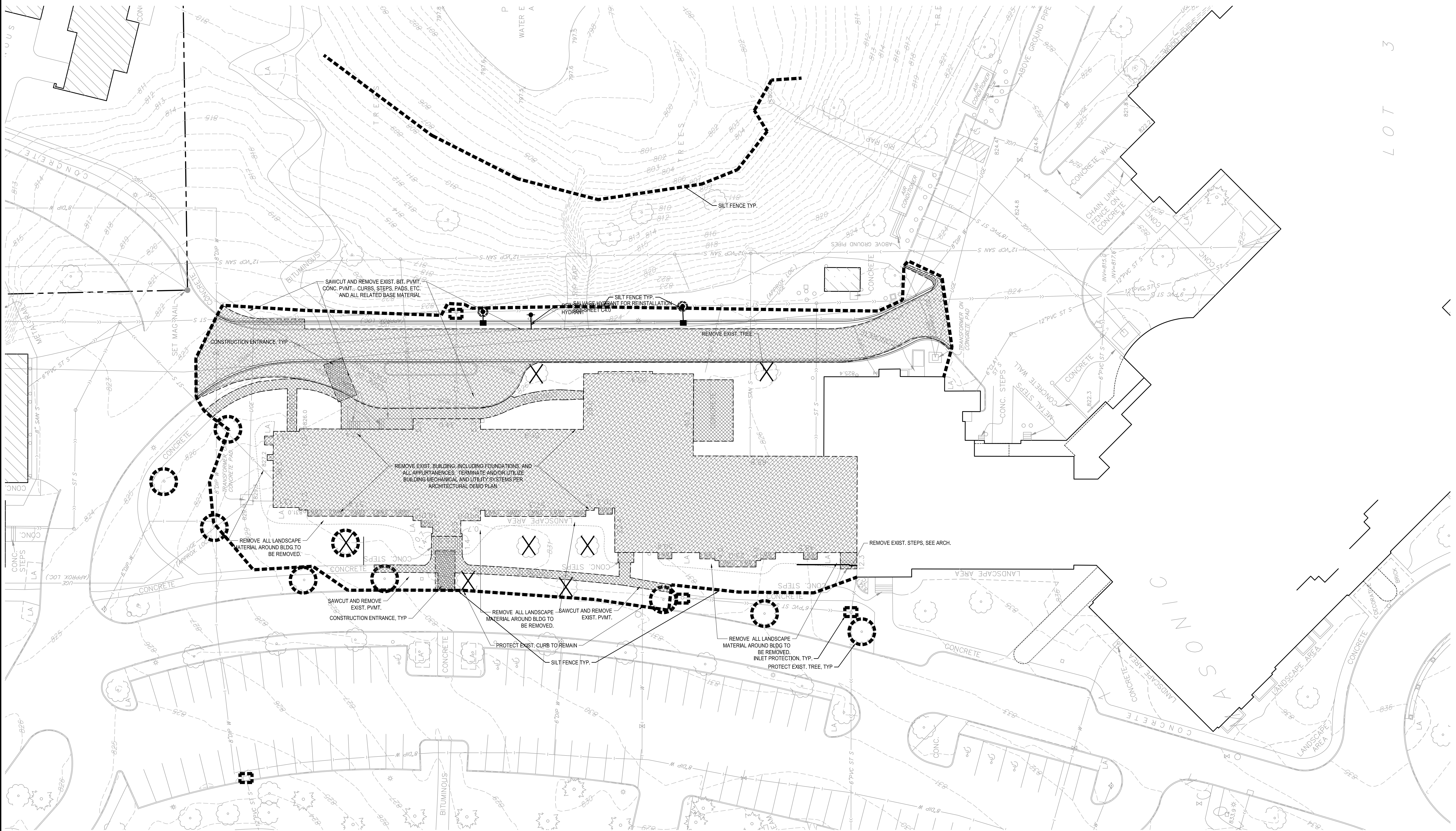
Matthew R. Pavlek
DATE 5/8/14 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY
DATE DESCRIPTION
4/16/14 ORC SUBMITTAL
5/6/2014 ORC RESUBMITTAL

REVISION SUMMARY
DATE DESCRIPTION

DEMOLITIONS &
REMOVALS PLAN

C1.0



REMOVAL NOTES:

- CONSTRUCTION REMOVALS SEQUENCING IS PLANNED AS FOLLOWS:
 - INSTALL STABILIZED ROCK CONSTRUCTION ENTRANCE
 - INSTALL SILT FENCE AROUND SITE, & INLET PROTECTION IN AND AROUND CATCH BASINS.
 - CLEAR AND GRUB REMAINDER OF SITE
 - PREP AND TRANSITION TO NEW CONSTRUCTION ACTIVITIES
- REMOVALS DISTURBANCE LENGTH OF TIME:
 - THE REMOVALS TIMING FOR THIS PROJECT IS EXPECTED TO LAST 15-30 DAYS UNTIL THE START OF NEW CONSTRUCTION.
- TEMPORARY AND PERMANENT STABILIZATION:
 - FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS ON ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1). EMBANKMENTS OF PONES, BASINS, AND TRAPS, AND WITHIN FOURTEEN (14) DAYS ON ALL OTHER DISTURBED OR GRADED AREAS. SEE PROPOSED LANDSCAPE PLAN FOR FINAL STABILIZATION MEASURES.
- SEE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLAN (SHEET SW1.0 - SW1.2) FOR CONSTRUCTION STORM WATER MANAGEMENT PLAN AFTER DEMOLITION AND REMOVALS ARE COMPLETE.
- REMOVAL OF MATERIALS NOTED ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH MNDOT, STATE AND LOCAL REGULATIONS.
- REMOVAL OF PRIVATE UTILITIES SHALL BE COORDINATED WITH UTILITY OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
- EXISTING PAVEMENTS SHALL BE SAWCUT IN LOCATIONS AS SHOWN ON THE DRAWINGS OR THE NEAREST JOINT FOR PROPOSED PAVEMENT CONNECTIONS.
- REMOVED MATERIALS SHALL BE DISPOSED OF TO A LEGAL OFF-SITE LOCATION AND IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
- ABANDON, REMOVAL, CONNECTION, AND PROTECTION NOTES SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE WITH PROPOSED WORK-SEE SHEETS LAYOUT AND GRADING PLANS-SHEETS
- EXISTING ON-SITE FEATURES NOT NOTED FOR REMOVAL SHALL BE PROTECTED THROUGHOUT THE DURATION OF THE CONTRACT.
- PROPERTY LINES SHALL BE CONSIDERED GENERAL CONSTRUCTION LIMITS UNLESS OTHERWISE NOTED ON THE DRAWINGS. WORK WITHIN THE GENERAL CONSTRUCTION LIMITS SHALL INCLUDE STAGING, DEMOLITION AND CLEAN-UP OPERATIONS AS WELL AS CONSTRUCTION SHOWN ON THE DRAWINGS.
- MINOR WORK OUTSIDE OF THE GENERAL CONSTRUCTION LIMITS SHALL BE ALLOWED AS SHOWN ON THE PLAN AND PER CITY REQUIREMENTS.
- DAMAGE BEYOND THE PROPERTY LIMITS CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED IN A MANNER APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT OR IN ACCORDANCE TO THE CITY.
- PROPOSED WORK (BUILDING AND CIVIL) SHALL NOT DISTURB EXISTING UTILITIES UNLESS OTHERWISE SHOWN ON THE DRAWINGS AND APPROVED BY THE CITY

PRIOR TO CONSTRUCTION.

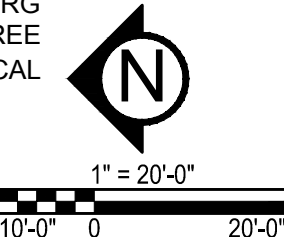
- SITE SECURITY MAY BE NECESSARY AND PROVIDED IN A MANNER TO PROHIBIT VANDALISM, AND THEFT DURING AND AFTER NORMAL WORK HOURS. THROUGHOUT THE DURATION OF THE CONTRACT, SECURITY MATERIALS SHALL BE IN ACCORDANCE TO THE CITY.
- VEHICULAR ACCESS TO THE SITE SHALL BE MAINTAINED FOR DELIVERY AND INSPECTION ACCESS DURING NORMAL OPERATING HOURS. AT NO POINT THROUGHOUT THE DURATION OF THE CONTRACT SHALL CIRCULATION OF ADJACENT STREETS BE BLOCKED WITHOUT APPROVAL BY THE CITY PRIOR TO CONSTRUCTION ACTIVITIES.
- ALL TRAFFIC CONTROLS SHALL BE PROVIDED AND ESTABLISHED PER THE REQUIREMENTS OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE CITY. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, SIGNAGE, BARRICADES, FLASHERS, AND FLAGGERS AS NEEDED. ALL PUBLIC STREETS SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES. NO ROAD CLOSURES SHALL BE PERMITTED WITHOUT APPROVAL BY THE CITY.
- SHORING FOR BUILDING EXCAVATION MAY BE USED AT THE DISCRETION OF THE CONTRACTOR AND AS APPROVED BY THE OWNERS REPRESENTATIVE AND THE CITY PRIOR TO CONSTRUCTION ACTIVITIES.
- STAGING, DEMOLITION, AND CLEAN-UP AREAS SHALL BE WITHIN THE PROPERTY LIMITS AS SHOWN ON THE DRAWINGS AND MAINTAINED IN A MANNER AS REQUIRED BY THE CITY.

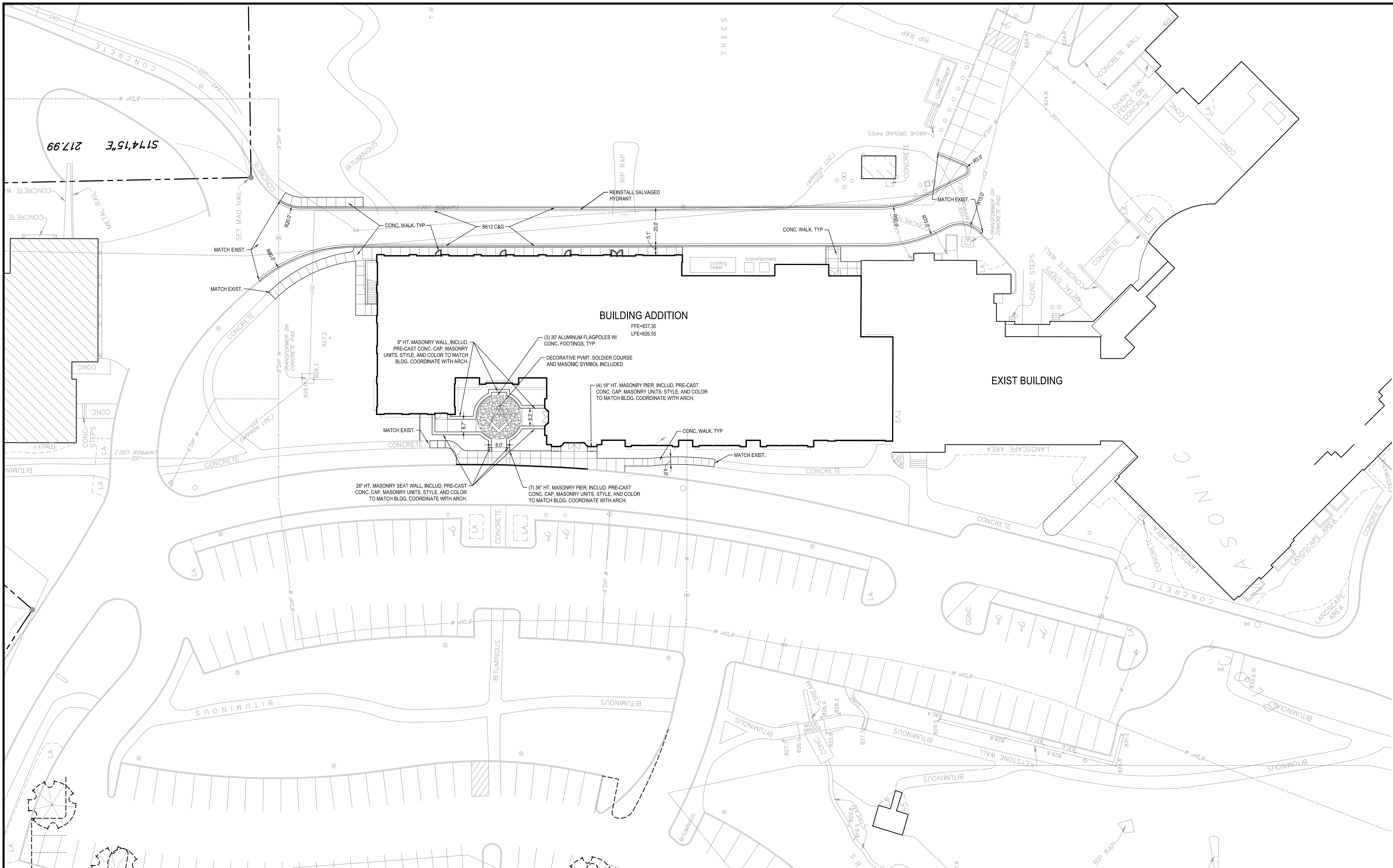
LEGEND:

SEE SITE SURVEY FOR EXISTING ITEMS LEGEND AND SYMBOLS

- | | | |
|-----|-----|--|
| --- | 932 | EX. 1' CONTOUR ELEVATION INTERVAL |
| --- | 932 | EXISTING SPOT GRADE ELEVATION |
| --- | 932 | DRAINAGE ARROW |
| --- | 932 | HEAVY DUTY SILT FENCE |
| --- | 932 | INLET PROTECTION |
| --- | 932 | PAVEMENT REMOVAL AND EXCAVATION (AND REPLACEMENT) FOR INSTALLATION OF UTILITIES |
| --- | 932 | REMOVE BUILDING, BLOCK, & FOUNDATIONS INCLUDING OVERHEAD CANOPY STRUCTURE AND FOOTINGS, ALL UNDERGROUND FACILITIES AND APPURTENANCES |
| --- | 932 | ROCK CONSTRUCTION ENTRANCE |
| --- | 932 | REMOVE TREE |

GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1166 TOLL FREE
(651) 454-0002 LOCAL





SITE LAYOUT NOTES:

- CONTRACTOR SHALL VERIFY LOCATIONS AND LAYOUT OF ALL SITE ELEMENTS PRIOR TO BEGINNING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, LOCATIONS OF EXISTING AND PROPOSED PROPERTY LINES, EASEMENTS, SETBACKS, UTILITIES, BUILDINGS AND PAVEMENTS. CONTRACTOR IS RESPONSIBLE FOR FINAL LOCATIONS OF ALL ELEMENTS FOR THE SITE. ANY REVISIONS REQUIRED AFTER COMMENCEMENT OF CONSTRUCTION, DUE TO LOCAL ADJUSTMENTS SHALL BE CORRECTED AT NO ADDITIONAL COST TO OWNER. ADJUSTMENTS TO THE LAYOUT SHALL BE APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF MATERIALS. STAKE LAYOUT FOR APPROVAL.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, INCLUDING A RIGHT-OF-WAY AND STREET OPENING PERMIT.
- THE CONTRACTOR SHALL VERIFY RECOMMENDATIONS NOTED IN THE GEO-TECHNICAL REPORT PRIOR TO INSTALLATION OF SITE IMPROVEMENT MATERIALS.
- CONTRACTOR SHALL FIELD VERIFY COORDINATES AND LOCATION DIMENSIONS OF THE BUILDING AND STAKE FOR REVIEW AND APPROVAL BY THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION OF FOOTING MATERIALS.
- LOCATIONS OF STRUCTURES, ROADWAY PAVEMENTS, CURBS AND GUTTERS, BOLLARDS, AND WALKS ARE APPROXIMATE AND SHALL BE STAKED IN THE FIELD, PRIOR TO INSTALLATION, FOR REVIEW AND APPROVAL BY THE ENGINEER/LANDSCAPE ARCHITECT.
- CURB DIMENSIONS SHOWN ARE TO FACE OF CURB. BUILDING DIMENSIONS ARE TO FACE OF CONCRETE FOUNDATION. LOCATION OF BUILDING IS TO BUILDING FOUNDATION AND SHALL BE AS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR SAMPLES AS SPECIFIED FOR REVIEW AND APPROVAL BY THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO FABRICATION FOR ALL PREFABRICATED SITE IMPROVEMENT MATERIALS SUCH AS, BUT NOT LIMITED TO THE FOLLOWING: FURNISHINGS, PAVEMENTS, WALLS, RAILINGS, BENCHES, FLAGPOLES, LANDING PADS FOR CURB RAMPS, AND LIGHT AND POLES. THE OWNER RESERVES THE RIGHT TO REJECT INSTALLED MATERIALS NOT PREVIOUSLY APPROVED.
- PEDESTRIAN CURB RAMPS SHALL BE CONSTRUCTED WITH TRUNCATED DOME LANDING AREAS IN ACCORDANCE WITH A.D.A. REQUIREMENTS-SEE DETAIL.
- CROSSWALK STRIPING SHALL BE 24" WIDE WHITE PAINTED LINE, SPACED 48" ON CENTER PERPENDICULAR TO THE FLOW OF TRAFFIC. WIDTH OF CROSSWALK SHALL BE 5' WIDE. ALL OTHER PAVEMENT MARKINGS SHALL BE WHITE IN COLOR UNLESS OTHERWISE NOTED OR REQUIRED BY ADA OR LOCAL GOVERNING BODIES.
- CURB AND GUTTER TYPE SHALL BE B612 UNLESS OTHERWISE NOTED ON THE DRAWINGS-TAPER BETWEEN CURB TYPES-SEE DETAIL.
- ALL CURB RADII ARE MINIMUM 3' UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL REFER TO FINAL PLAT FOR LOT BOUNDARIES, NUMBERS, AREAS AND DIMENSIONS PRIOR TO SITE IMPROVEMENTS.
- FIELD VERIFY ALL EXISTING SITE CONDITIONS, DIMENSIONS.
- PARKING IS TO BE SET PARALLEL OR PERPENDICULAR TO EXISTING BUILDING UNLESS NOTED OTHERWISE.
- STANDARD PARKING STALLS TO BE 9' WIDE x 20.0' LONG WITH 25' DRIVE AISLES UNLESS OTHERWISE NOTED.
- HANDICAP PARKING STALLS TO BE 9' WIDE x 20' LONG WITH 9' WIDE LOADING ZONE UNLESS OTHERWISE NOTED. SEE DETAIL.
- ALL PARKING LOT PAINT STRIPPING TO BE WHITE 4" WIDE TYP.
- BITUMINOUS PAVING TO BE "LIGHT DUTY" UNLESS OTHERWISE NOTED. SEE DETAIL SHEETS FOR PAVEMENT SECTIONS.
- ALL TREES THAT ARE TO REMAIN ARE TO BE PROTECTED FROM DAMAGE WITH A CONSTRUCTION FENCE AT THE DRIP LINE. SEE LANDSCAPE DOCUMENTS.

CITY OF BLOOMINGTON SITE/PERMIT NOTES:

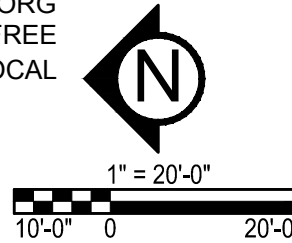
- TEMPORARY STREET SIGNS, LIGHTING, AND ADDRESSES SHALL BE PROVIDED DURING CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN A PUBLIC WORKS PERMIT APPLICATION FOR OBSTRUCTIONS AND CONCRETE WORK WITHIN RIGHT-OF-WAY. PERMIT IS REQUIRED PRIOR TO REMOVALS OR INSTALLATION. CONTACT BRIAN HANSEN AT 952-563-4543 OR bhanesen@bloomingtonmn.gov FOR PERMIT APPLICATION AND FOR FEE INFORMATION.
- PUBLIC WORKS PERMIT APPLICATION FOR UNDERGROUND WORK WITHIN THE RIGHT-OF-WAY IS REQUIRED PRIOR TO REMOVAL OR INSTALLATION OF SANITARY, WATER OR STORM WORK WITHIN THE PUBLIC RIGHT-OF-WAY. CONTACT UTILITIES AT 952-563-4568 FOR PERMIT APPLICATION AND FOR FEE INFORMATION.
- RESTORE CITY STREET BY COMPLYING WITH THE CITY STREET IMPROVEMENT POLICY; CONTACT UTILITIES (952-563-4568) FOR THE REQUIREMENTS AND SHOW THIS ON THE PLAN.
- ALL SIGNING TO BE INSTALLED OUTSIDE OF CITY RIGHT-OF-WAY.
- ALL PARKING STALLS TO BE PAINTED WITH WHITE STRIPING.
- ALL CONSTRUCTION AND POST-CONSTRUCTION PARKING SHALL BE ON-SITE - NO ON-STREET PARKING/LOADING/UNLOADING ALLOWED.
- ALL PUBLIC SIDEWALKS SHALL NOT BE OBSTRUCTED.
- STORAGE OF MATERIALS OR EQUIPMENT SHALL NOT BE ALLOWED ON PUBLIC STREETS OR WITHIN PUBLIC RIGHT-OF-WAY.
- USE UPDATED CITY OF BLOOMINGTON STANDARD DETAILS FROM THE CITY OF BLOOMINGTON WEBSITE: www.ci.bloomington.mn.us/cityhall/dept/pdw/works/engineer/streets/specific.htm
- LIST PARKING SPACES PROVIDED AND NUMBER REQUIRED BY CITY CODE.

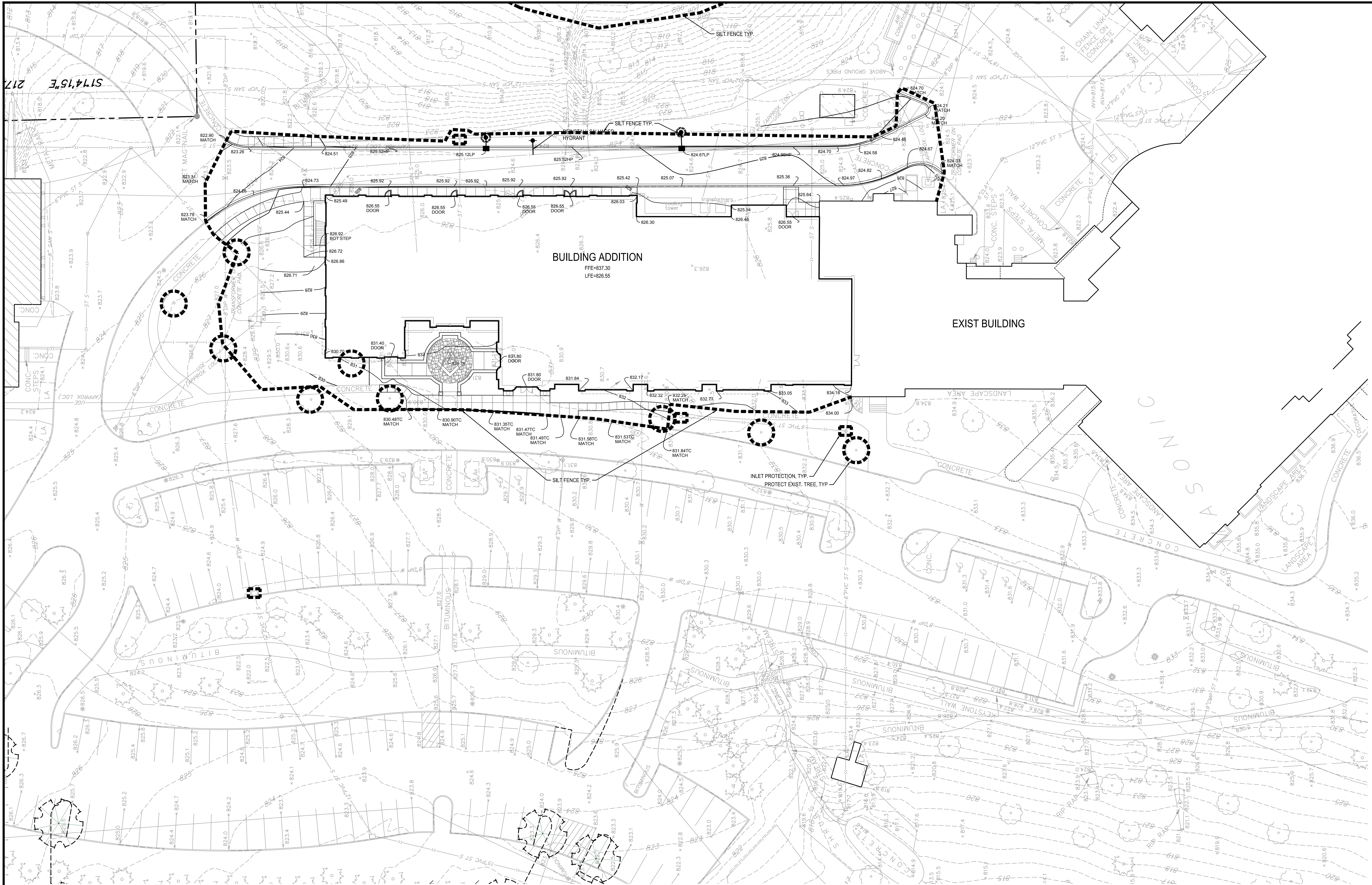
SITE STATISTICS:

SITE AREA	2,863,133 SF (65.73 ACRES)
TOTAL DISTURBED AREA	35,825 SF
DISTURBED BUILDING AREA	16,300 SF
DISTURBED DRIVEWAY & WALK AREA	4,840 SF
PROPOSED BUILDING AREA	22,110 SF
PROPOSED DRIVEWAY & WALK AREA	2,880 SF
NEW IMPERVIOUS SURFACE	3,850 SF

LEGEND:

- CONCRETE PAVEMENT AS SPECIFIED (PAD OR WALK)
- DECORATIVE PAVEMENT AS SPECIFIED
- ROCK MAINTENANCE STRIP
- HEAVY DUTY BITUMINOUS PAVEMENT
- ACCESSIBLE PARKING PAVEMENT MARKING
- PROPERTY LINE
- CURB & GUTTER - T.O. = TIP-OUT GUTTER
- UTILITY OR ACCESS EASEMENT
- CURB SECTIONS TO BE PAINTED YELLOW TO INDICATE "NO PARKING"
- SIGN AND POST ASSEMBLY. SHOP DRAWINGS REQUIRED.
HC = ACCESSIBLE SIGN
NP = NO PARKING FIRE LANE
ST = STOP
CC = COMPACT CAR PARKING ONLY





GENERAL GRADING NOTES:

- CONTRACTOR SHALL VERIFY LOCATIONS AND LAYOUT OF ALL SITE ELEMENTS PRIOR TO BEGINNING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, LOCATIONS OF EXISTING AND PROPOSED PROPERTY LINES, EASEMENTS, SETBACKS, UTILITIES, BUILDINGS AND PAVEMENTS. CONTRACTOR IS RESPONSIBLE FOR FINAL LOCATIONS OF ALL ELEMENTS FOR THE SITE. ANY REVISIONS REQUIRED AFTER COMMENCEMENT OF CONSTRUCTION, DUE TO LOCATIONAL ADJUSTMENTS SHALL BE CORRECTED AT NO ADDITIONAL COST TO OWNER. ADJUSTMENTS TO THE LAYOUT SHALL BE APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF MATERIALS. STAKE LAYOUT FOR APPROVAL.
- SEE SITE PLAN FOR HORIZONTAL LAYOUT.
- CONTRACTOR SHALL REFER TO RECOMMENDATIONS IN THE GEOTECHNICAL REPORT FOR ANY ADDITIONAL SITE PREPARATION INFORMATION, SOIL CORRECTION, TYPE OF BACKFILL, OR REQUIREMENTS.
- EXCAVATION AND EMBANKMENT ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS.
- GRADING AND EXCAVATION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS & PERMIT REQUIREMENTS OF THE CITY.
- PROPOSED RETAINING WALLS, FREESTANDING WALLS, OR COMBINATION OF WALL TYPES GREATER THAN 4' IN HEIGHT SHALL BE DESIGNED AND ENGINEERED BY A REGISTERED RETAINING WALL ENGINEER. DESIGN DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL SCHEDULE SITE WORK TO MINIMIZE THE DISTURBED AREA AT ANY GIVEN TIME.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF GRADE STAKES THROUGHOUT THE DURATION OF CONSTRUCTION TO ESTABLISH PROPER GRADES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR A FINAL FIELD CHECK OF FINISHED GRADES ACCEPTABLE TO THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO TOP-SOIL AND SODDING ACTIVITIES.
- EXCESS FILL MATERIAL SHALL BE REMOVED AND LEGALLY DISPOSED OF BY THE CONTRACTOR OFF-SITE.
- AREAS AND MATERIALS DISTURBED OUTSIDE THE LIMIT OF WORK SHALL BE REPAIRED WITHIN 10 DAYS, IN A MANNER APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT, AT NO EXPENSE TO THE OWNER.
- PROPOSED SPOT GRADES ARE FLOWLINE FINISHED GRADE ELEVATIONS, UNLESS OTHERWISE NOTED.
- GRADES OF WALKS SHALL BE INSTALLED WITH 5% MAX. LONGITUDINAL SLOPE AND 1% MIN. AND 2% MAX. CROSS SLOPE, UNLESS OTHERWISE NOTED.
- PROPOSED SLOPES SHALL NOT EXCEED 3:1 UNLESS INDICATED OTHERWISE ON THE DRAWINGS. SLOPES GREATER THAN 3:1 REQUIRE SURFACE ROUGHENING BY EITHER "STAIRSTEP" GRADING, GROOVING, FURROWING, OR TRACKING TO AVOID RUNOFF VELOCITY AND RECEIVE EROSION CONTROL BLANKET AS SPECIFIED. SLOPES LESS THAN 3:1 NOT STABILIZED WITH VEGETATION SHALL HAVE THE SURFACE ROUGH GRADED TO REDUCE RUNOFF VELOCITY UNTIL SOIL HAS BECOME STABLE AND MATURE. AT NO TIME THROUGHOUT THE DURATION OF THE CONTRACT, SHALL SLOPES BE A SMOOTH GRADE OR A COMPACTED SURFACE.
- CONTRACTOR SHALL STRIP, STOCKPILE, AND RE-SPREAD SUFFICIENT TOPSOIL TO PROVIDE A MINIMUM COMPACTED DEPTH (PER LANDSCAPE PLAN) TO DISTURBED AREAS TO BE SEED OR SODDED.

CITY OF BLOOMINGTON GRADING NOTES:

- SEE SWPPP FOR ALL EROSION CONTROL NOTES.

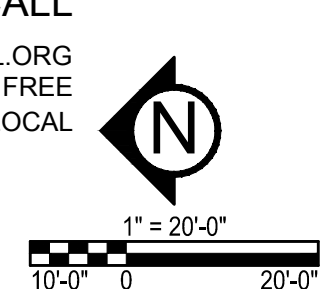
EROSION & SEDIMENT CONTROL NOTES:

- SEE SWPPP FOR ALL EROSION CONTROL NOTES.

LEGEND:

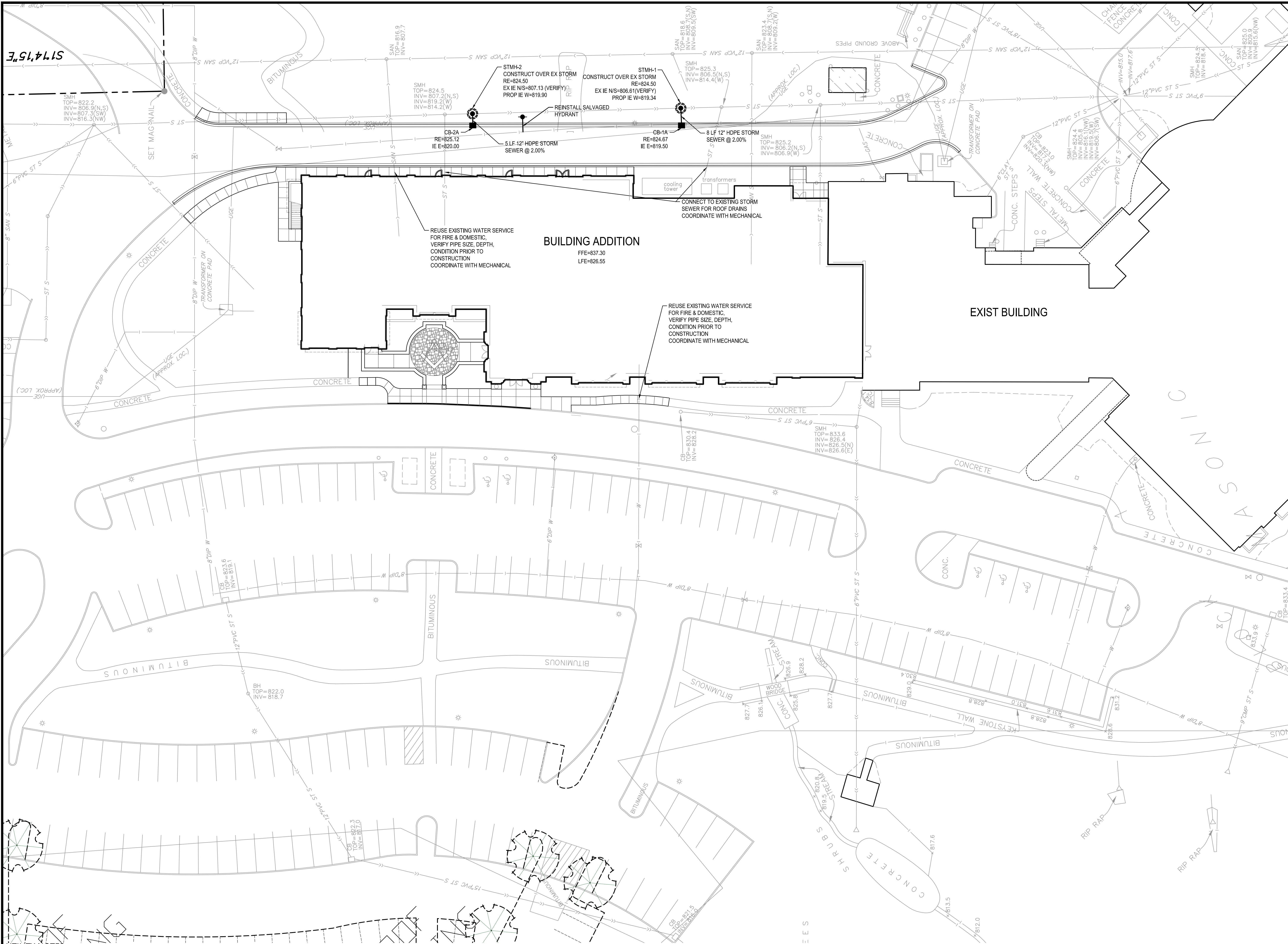
- 932 --- EX. 1' CONTOUR ELEVATION INTERVAL
- 419 --- 1' CONTOUR ELEVATION INTERVAL
- 722.0 SPOT GRADE ELEVATION (FLOW LINE UNLESS OTHERWISE NOTED)
- 722.0G SPOT GRADE ELEVATION GUTTER
- 722.0BC SPOT GRADE ELEVATION BACK OF CURB (TOP OF CURB)
- 722.0BS SPOT GRADE ELEVATION BOTTOM OF STAIRS
- TIP OUT (T.O.) CURB AND GUTTER WHERE APPLICABLE-TAPER GUTTERS TO DRAIN AS SHOWN
- EMERGENCY OVERFLOW

GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1166 TOLL FREE
(651) 454-0002 LOCAL



DATE	DESCRIPTION
4/16/14	ORC SUBMITTAL
5/6/2014	ORC RESUBMITTAL

REVISION SUMMARY	
DATE	DESCRIPTION



UTILITY NOTES:

- CONTRACTOR SHALL VERIFY LOCATIONS AND LAYOUT OF ALL SITE ELEMENTS PRIOR TO BEGINNING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, LOCATIONS OF EXISTING AND PROPOSED PROPERTY LINES, EASEMENTS, SETBACKS, UTILITIES, BUILDINGS AND PAVEMENTS. CONTRACTOR IS RESPONSIBLE FOR FINAL LOCATIONS OF ALL ELEMENTS FOR THE SITE. ANY REVISIONS REQUIRED AFTER COMMENCEMENT OF CONSTRUCTION, DUE TO LOCATIONAL ADJUSTMENTS SHALL BE CORRECTED AT NO ADDITIONAL COST TO OWNER. ADJUSTMENTS TO THE LAYOUT SHALL BE APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF MATERIALS. STAKE LAYOUT FOR APPROVAL.
- SEE SITE PLAN FOR HORIZONTAL DIMENSIONS AND LAYOUT.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF DISCREPANCIES OR VARIATIONS FROM THE PLANS.
- ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTACT "GOPHER STATE ONE CALL" (651-454-0002 OR 800-252-1166) FOR UTILITY LOCATIONS. 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
- UTILITY INSTALLATION SHALL CONFORM TO THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE LINE INSTALLATION" AND "SANITARY SEWER AND STORM SEWER INSTALLATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA (CEAM).
- CASTINGS SHALL BE SALVAGED FROM STRUCTURE REMOVALS AND RE-USED OR PLACED AT THE DIRECTION OF THE OWNER.
- ALL WATER PIPE SHALL BE DUCTILE IRON PIPE (DIP) UNLESS OTHERWISE NOTED.
- ALL SANITARY SEWER SHALL BE POLYVINYL CHLORIDE (PVC) UNLESS OTHERWISE NOTED.
- ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH DENSITY POLYETHYLENE (HDPE) UNLESS OTHERWISE NOTED.
- PIPE LENGTHS SHOWN ARE FROM CENTER TO CENTER OF STRUCTURE OR TO END OF FLARED END SECTION.
- UTILITIES ON THE PLAN ARE SHOWN TO WITHIN 5' OF THE BUILDING FOOTPRINT. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR THE FINAL CONNECTION TO BUILDING LINES. COORDINATE WITH ARCHITECTURAL AND MECHANICAL PLANS.
- CATCH BASINS AND MANHOLES IN PAVED AREAS SHALL BE SUMPED 0.04 FEET. ALL

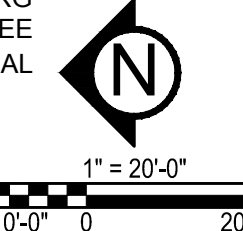
- CATCH BASINS IN GUTTERS SHALL BE SUMPED 0.15 FEET PER DETAILS. RIM ELEVATIONS SHOWN ON THIS PLAN DO NOT REFLECT SUMPED ELEVATIONS.
- ALL FIRE HYDRANTS SHALL BE LOCATED 5 FEET BEHIND BACK OF CURB UNLESS OTHERWISE NOTED.
- HYDRANT TYPE, VALVE, AND CONNECTION SHALL BE IN ACCORDANCE WITH CITY REQUIREMENTS. HYDRANT EXTENSIONS ARE INCIDENTAL.
- A MINIMUM OF 8 FEET OF COVER IS REQUIRED OVER ALL WATERMAIN, UNLESS OTHERWISE NOTED. EXTRA DEPTH MAY BE REQUIRED TO MAINTAIN A MINIMUM OF 18" VERTICAL SEPARATION TO SANITARY OR STORM SEWER LINES. EXTRA DEPTH WATERMAIN IS INCIDENTAL.
- A MINIMUM OF 18 INCHES OF VERTICAL SEPARATION AND 10 FEET OF HORIZONTAL SEPARATION IS REQUIRED FOR ALL UTILITIES, UNLESS OTHERWISE NOTED.
- ALL CONNECTIONS TO EXISTING UTILITIES SHALL BE IN ACCORDANCE WITH CITY STANDARDS AND COORDINATED WITH THE CITY PRIOR TO CONSTRUCTION.
- CONNECTIONS TO EXISTING STRUCTURES SHALL BE CORE-DRILLED.
- COORDINATE LOCATIONS AND SIZES OF SERVICE CONNECTIONS WITH THE MECHANICAL DRAWINGS.
- COORDINATE INSTALLATION AND SCHEDULING OF THE INSTALLATION OF UTILITIES WITH ADJACENT CONTRACTORS AND CITY STAFF.
- ALL STREET REPAIRS AND PATCHING SHALL BE PERFORMED PER THE REQUIREMENTS OF THE CITY. ALL PAVEMENT CONNECTIONS SHALL BE SAWCUT. ALL TRAFFIC CONTROLS SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL BE ESTABLISHED PER THE REQUIREMENTS OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE CITY. THIS SHALL INCLUDE BUT NOT BE LIMITED TO SIGNAGE, BARRICADES, FLASHERS, AND FLAGGERS AS NEEDED. ALL PUBLIC STREETS SHALL BE OPEN TO TRAFFIC AT ALL TIMES. NO ROAD CLOSURES SHALL BE PERMITTED WITHOUT APPROVAL BY THE CITY.
- ALL STORM SEWERS, PUBLIC AND PRIVATE, SHALL BE ADJUSTED TO PROPOSED GRADES WHERE REQUIRED. THE REQUIREMENTS OF ALL OWNERS MUST BE COMPLIED WITH STRUCTURES BEING RESET TO PAVED AREAS MUST MEET OWNERS REQUIREMENTS FOR TRAFFIC LOADING.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH PRIVATE UTILITY COMPANIES.
- CONTRACTOR SHALL COORDINATE CONNECTION OF IRRIGATION SERVICE TO UTILITIES. COORDINATE THE INSTALLATION OF IRRIGATION SLEEVES NECESSARY AS TO NOT IMPACT INSTALLATION OF UTILITIES.

- CONTRACTOR SHALL MAINTAIN AS-BUILT PLANS THROUGHOUT CONSTRUCTION AND SUBMIT THESE PLANS TO ENGINEER UPON COMPLETION OF WORK.
- ALL JOINTS AND CONNECTIONS IN STORM SEWER SYSTEM SHALL BE GASTIGHT OR WATERTIGHT. APPROVED RESILIENT RUBBER JOINTS MUST BE USED TO MAKE WATERTIGHT CONNECTIONS TO MANHOLES, CATCH BASINS, OR OTHER STRUCTURES.

LEGEND:

- MANHOLE OR CATCH BASIN
- GATE VALVE
- FIRE HYDRANT
- SANITARY SEWER
- STORM SEWER
- WATER MAIN

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WWW.GOPHERSTATEONECALL.ORG
(800) 252-1166 TOLL FREE
(651) 454-0002 LOCAL



CITY OF BLOOMINGTON UTILITY NOTES:

- HOPE PIPE CONNECTIONS INTO ALL CONCRETE STRUCTURES SHALL BE MADE WITH WATER TIGHT MATERIALS, UTILIZING AN A-LOK OR WATERSTOP GASKET OR BOOT, CAST-IN-PLACE RUBBER BOOT, OR APPROVED EQUAL. WHERE THE ALIGNMENT PRECLUDES THE USE OF THE ABOVE APPROVED WATER TIGHT METHODS, CONSEAL 231 WATERSTOP SEALANT, OR APPROVED EQUAL WILL ONLY BE ALLOWED AS APPROVED BY THE ENGINEER.
- CONTACT UTILITIES DIVISION (952-563-8777) REGARDING PERMIT FOR STORM SEWER CONSTRUCTION.
- THERE SHALL BE AT LEAST A 10-FOOT HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES.
- WATER MAINS CROSSING STORM OR SANITARY SEWERS SHALL HAVE A MINIMUM OF 18-INCH VERTICAL SEPARATION.
- USE UPDATED CITY OF BLOOMINGTON STANDARD DETAILS FROM THE CITY OF BLOOMINGTON WEBSITE:
www.ci.bloomington.mn.us/shall/detailpubworks/handouts/lengthandouts.html#details
- PROVIDE A MINIMUM OF 8 FEET AND A MAXIMUM OF 10 FEET OF COVER ON ALL WATER LINES, VALVES, SERVICES ETC.
- USE CLASS S2 DIP WATER MAIN FOR PIPE 12" IN DIAMETER AND SMALLER, (8 MIL MIN. POLYWRAP ON ALL DIP IS REQUIRED).
- APPROVAL OF PLANS AND SPECIFICATIONS FOR THIS DEVELOPMENT ARE TO BE APPROVED BY THE MINNESOTA DEPARTMENT OF HEALTH (MDH). IT IS THE RESPONSIBILITY OF THE DEVELOPER TO:
 - SUBMIT THE REQUIRED SIGNED DOCUMENTS AND FEES TO THE MDH INCLUDING THE MDH PLAN REVIEW FEE SHEET.
 - PROVIDE A COPY OF THE MDH APPROVAL LETTER FOR THE PROJECT TO THE CITY OF BLOOMINGTON.INFORMATION REGARDING THE MDH PLAN REVIEW MAY BE OBTAINED BY VISITING THE MDH ENVIRONMENTAL HEALTH DIVISION WEBSITE:
www.health.state.mn.us/dhe/eh/water/planreview/index.html. NO PERMITS WILL BE ISSUED BEFORE THE CITY HAS RECEIVED THE MDH PLAN APPROVAL LETTER. PLEASE NOTE THAT MDH REVIEW MAY TAKE UP TO 6 WEEKS.
- A MINNESOTA POLLUTION CONTROL AGENCY (MPCA) SANITARY SEWER EXTENSION OR MODIFICATION PERMIT IS REQUIRED FOR THE PROPOSED DEVELOPMENT. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO:
 - COMPLETE THE APPLICATION
 - OBTAIN ALL NECESSARY SIGNATURES (INCLUDING THE SIGNATURE OF THE AUTHORIZED CITY REPRESENTATIVE)
 - SUBMIT THE APPLICATION AND FEE TO THE MPCA
 - SUBMIT A COPY OF THE APPLICATION AND CHECK TO MET COUNCIL
 - SUBMIT A COPY OF THE APPLICATION AND CHECK TO THE CITY OF BLOOMINGTON
 - AFTER PERMIT IS RECEIVED SUBMIT A COPY OF THE PERMIT TO THE CITY OF BLOOMINGTONVISIT THE MPCA WEBSITE (www.mn.gov/mnwater/permits/index.html) FOR APPLICATION AND FEE INFORMATION. NO PERMITS WILL BE ISSUED BEFORE THE CITY HAS RECEIVED A SANITARY SEWER EXTENSION OR MODIFICATION PERMIT FROM THE MPCA. PLEASE NOTE THAT MPCA REVIEW MAY TAKE UP TO 6 WEEKS.
- USE STANDARD SHORT CONE MANHOLES (NO STEPS ALLOWED).
- USE SCHEDULE 40, SDR 26, OR BETTER FOR PVC SEWER SERVICES.
- INSTALL INTERIOR CHIMNEY SEALS ON ALL SANITARY SEWER MANHOLES.
- A NOTE SHALL BE ADDED TO THE PLANS STATING: TAPS OF LIVE WATER MAINS TO BE DONE BY CITY FORCES; HOWEVER, THEY SHALL BE PAID FOR AND COORDINATED BY THE CONTRACTOR.
- ALL COMPONENTS OF THE WATER SYSTEM, UP TO THE WATER METER OR FIRE SERVICE EQUIPMENT, (I.E. MAINLINE PIPES, SERVICES LARGER THAN 2", VALVES, FITTINGS, CAPS, ETC.) SHALL UTILIZE PROTECTIVE INTERNAL COATINGS MEETING CURRENT ANSI/AWWA STANDARDS FOR CEMENT MORTAR LINING OR SPECIAL COATINGS. THE USE OF UNLINED OR UNCOATED CAST-IRON, GRAY-IRON, STEEL, GALVANIZED, ETC.) PIPE SHALL NOT BE ALLOWED.
- COMBINATION FIRE AND DOMESTIC SERVICES MUST TERMINATE WITH A THREAD ON FLANGE OR AN AU TO FLANGE ADAPTER.
- UTILITY AND MECHANICAL CONTRACTORS SHALL COORDINATE INSTALLATION OF WATER SERVICE PIPES, FITTINGS, AND VALVES ALL THE WAY INTO THE BUILDING (I.E. UP TO METERS AND/OR FIRE SERVICE EQUIPMENT) TO ACCOMMODATE CITY INSPECTION AND TESTING.
- UTILITY AND MECHANICAL CONTRACTORS SHALL COORDINATE INSTALLATION OF SEWER SERVICES ALL THE WAY INTO THE BUILDING TO ACCOMMODATE CITY INSPECTION AND TESTING.

CivilSite GROUP
4931 W. 35TH ST., SUITE 200
ST. LOUIS PARK, MN 55416
Matt Pavak 763-213-3944
Pat Savert 952-295-2008
civilsitegroup.com

TROSSEN WRIGHT PLUTOWSKI ARCHITECTS, PA
4125 Lakeland Ave. N.
Suite 280
Minneapolis, Minnesota 55412
Phone: (763) 633-7171
Fax: (763) 533-7979

**BUILDING ADDITION
MINNESOTA MASONIC CHARITIES
11501 MASONIC HOME DR., BLOOMINGTON, MN 55437**

**MINNESOTA MASONIC CHARITIES
11501 MASONIC HOME DR., BLOOMINGTON, MN 55437**

PROJECT

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

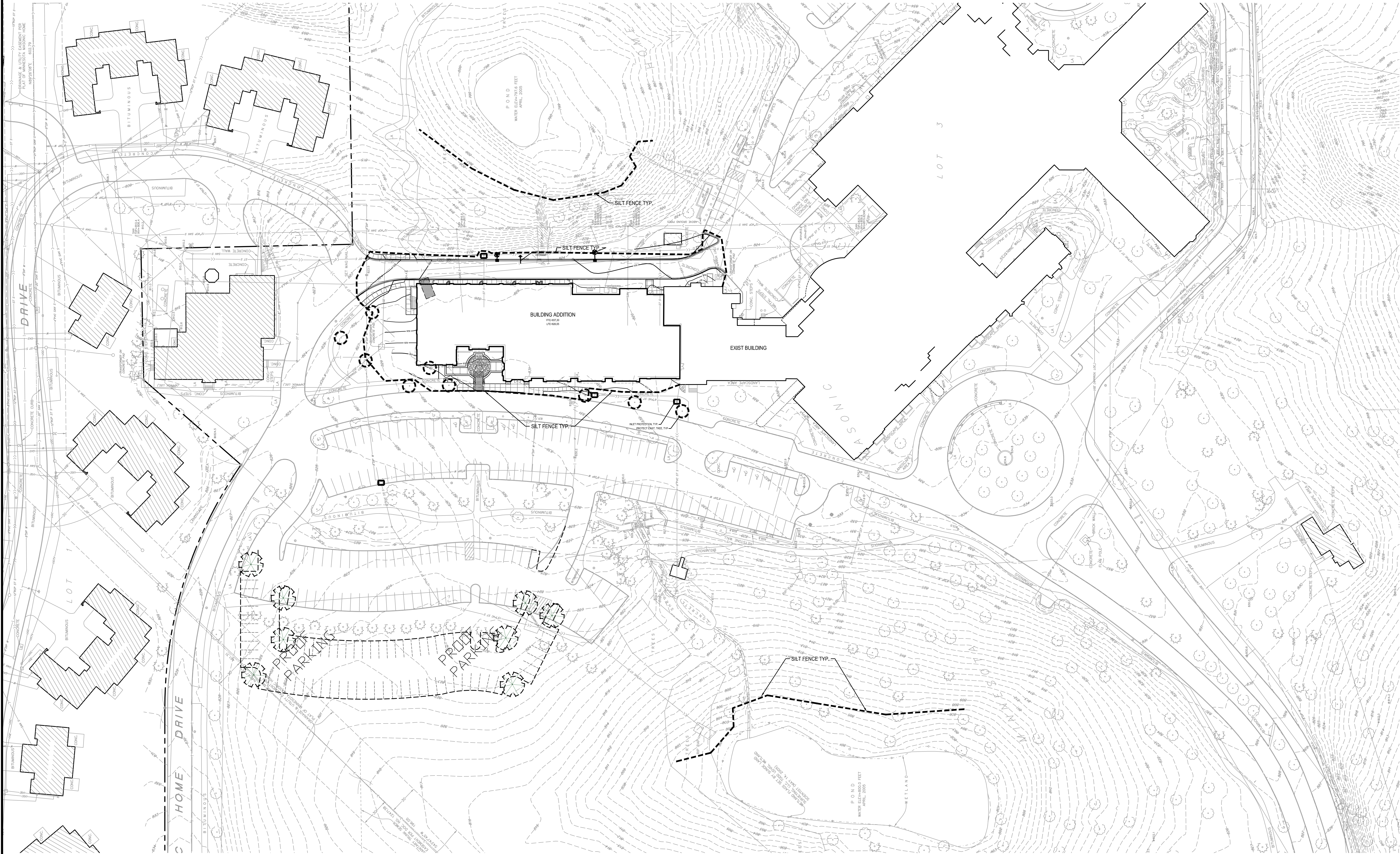
Matthew R. Pavak
DATE 5/8/14 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY	
DATE	DESCRIPTION
4/10/14	ORC SUBMITTAL
4/6/2014	ORC RESUBMITTAL

REVISION SUMMARY	
DATE	DESCRIPTION

UTILITY PLAN

C4.0



SUPPLEMENTARY SITE SPECIFIC EROSION CONTROL NOTES:

PROJECT NARRATIVE:

PROJECT IS REPLACEMENT OF TWO BUILDING SECTIONS WITH LARGER BUILDING AND SITE IMPROVEMENTS. THE OVERALL TIMEFRAME IS 12-18 MONTHS.

CONSTRUCTION SEQUENCING IS PLANNED AS FOLLOWS:

1. INSTALL STABILIZED ROCK CONSTRUCTION ENTRANCE
2. INSTALL BIO-ROLL AROUND SITE & INLET PROTECTION IN AND AROUND CATCH BASINS (WHERE NOT COVERED BY IN PLACE REMOVALS EROSION CONTROL FACILITIES)
3. STRIP AND STOCKPILE TOPSOIL
4. ROUGH GRADING OF SITE
5. STABILIZE DENUDED AREAS AND STOCKPILES
6. CONSTRUCT BUILDING AND IMPROVEMENTS
7. INSTALL STREET, CURB, SIDEWALK AND SITE IMPROVEMENTS
14. FINAL GRADE BOULEVARD, INSTALL LANDSCAPING
15. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE BIO-ROLL AND RESEED ANY AREAS DISTURBED BY THE REMOVAL.

DISTURBANCE LENGTH OF TIME:

THE TIMING FOR THIS PROJECT IS EXPECTED TO LAST 12-18 MONTHS UNTIL FINAL STABILIZATION.

TEMPORARY AND PERMANENT STABILIZATION:

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS ON ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); EMBANKMENTS OF PONDS, BASINS, AND TRAPS; AND WITHIN FOURTEEN (14) DAYS ON ALL OTHER DISTURBED OR GRADED AREAS. SEE PROPOSED LANDSCAPE PLAN FOR FINAL STABILIZATION MEASURES.

SOD IMMEDIATELY FOR PERMANENT STABILIZATION.

CONCRETE WASHOUT:

CONCRETE WASHOUT SHALL BE PERFORMED OFF SITE.

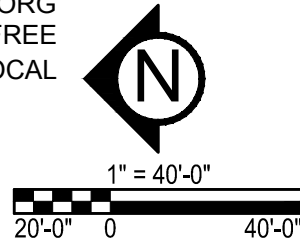
CITY OF BLOOMINGTON EROSION CONTROL NOTES:

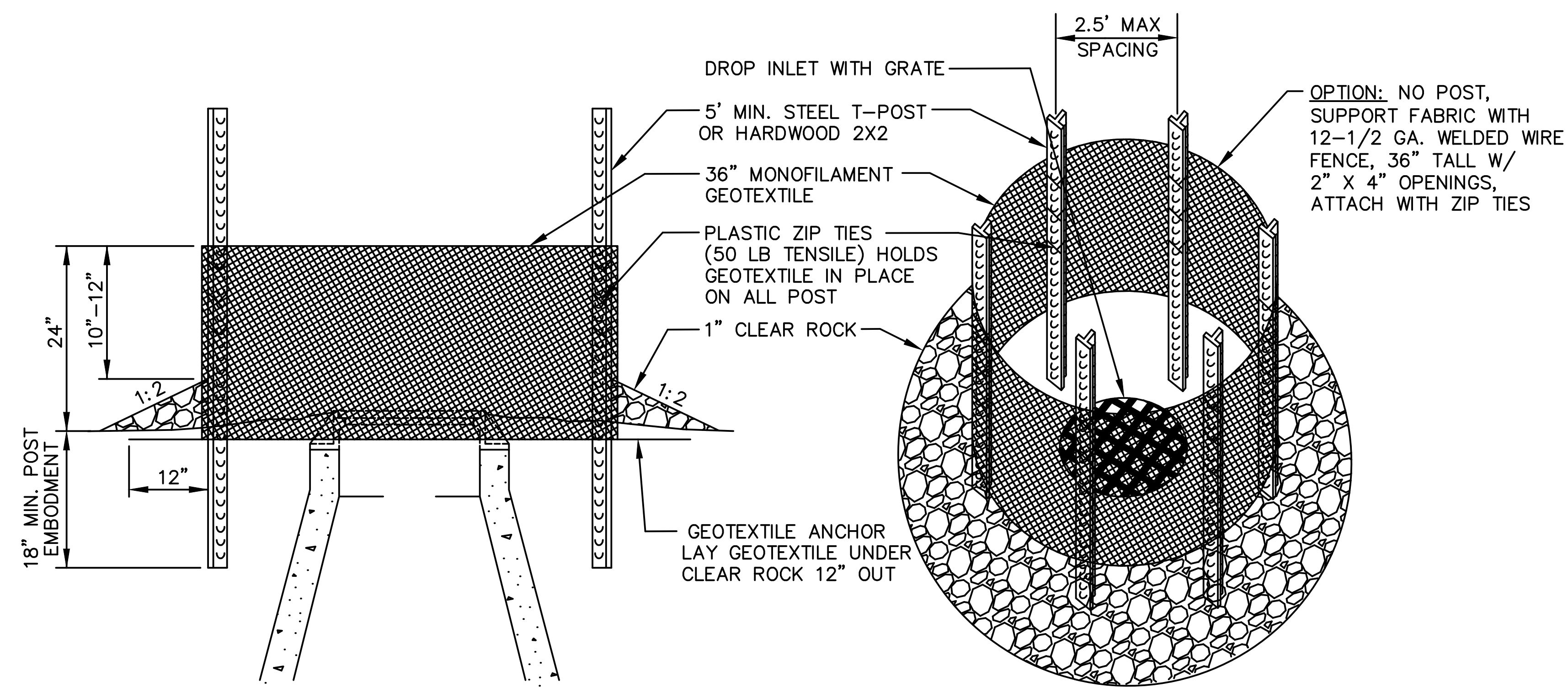
1. EROSION CONTROL BOND REQUIRED PRIOR TO ISSUANCE OF PERMITS - DOLLAR AMOUNT TO BE DETERMINED BY JEN DESRUDE. CONTRACTOR TO PROVIDE BID PRICES TO INSTALL, MAINTAIN AND REMOVE EC DEVICES.
2. FOS
3. AN EROSION CONTROL PLAN SHALL BE PROVIDED WHICH INCLUDES:
 - 3.1. USE UPDATED CITY OF BLOOMINGTON STANDARD DETAILS FROM THE CITY OF BLOOMINGTON WEBSITE:
www.ci.bloomington.mn.us/cityhall/dept/pubworks/engineer/streets/specific.htm
 - 3.2. NO BALES ALLOWED FOR INLET PROTECTION AND/OR DITCH CHECKS.
 - 3.3. ALL MATERIALS SHALL MEET MNDOT APPROVED MATERIALS LIST:
www.mn.dot.state.mn.us/materials/approved.asp
 - 3.4. USE APPROVED INLET PROTECTION AT ALL ACTIVE STORM SEWER INLETS; ONLY BASKET OR SACK STYLE IN TRAFFIC AREAS.

LEGEND:

- 932 ----- EX. 1' CONTOUR ELEVATION INTERVAL
- 419 ----- 1' CONTOUR ELEVATION INTERVAL
- 422.0 SPOT GRADE ELEVATION (FLOW LINE UNLESS OTHERWISE NOTED)
- 422.0G SPOT GRADE ELEVATION GUTTER
- 422.0BC SPOT GRADE ELEVATION BACK OF CURB (TOP OF CURB)
- 422.0BS SPOT GRADE ELEVATION BOTTOM OF STAIRS
- HEAVY DUTY SILT FENCE
- [] INLET PROTECTION
- [] STABILIZED CONSTRUCTION ENTRANCE
- [] TIP OUT (T.O.) CURB AND GUTTER WHERE APPLICABLE-TAPER GUTTERS TO DRAIN AS SHOWN

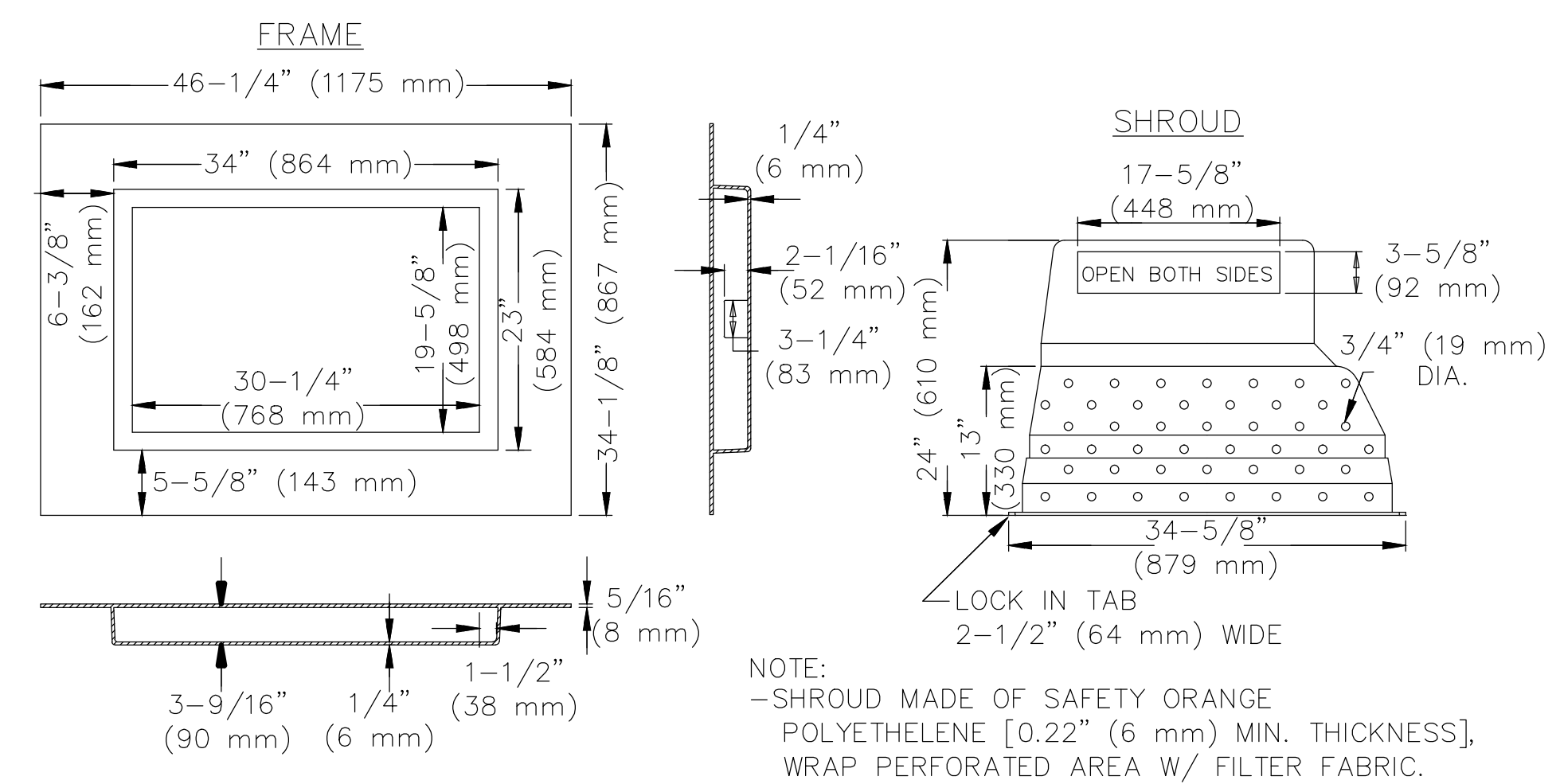
GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1166 TOLL FREE
(651) 454-0002 LOCAL





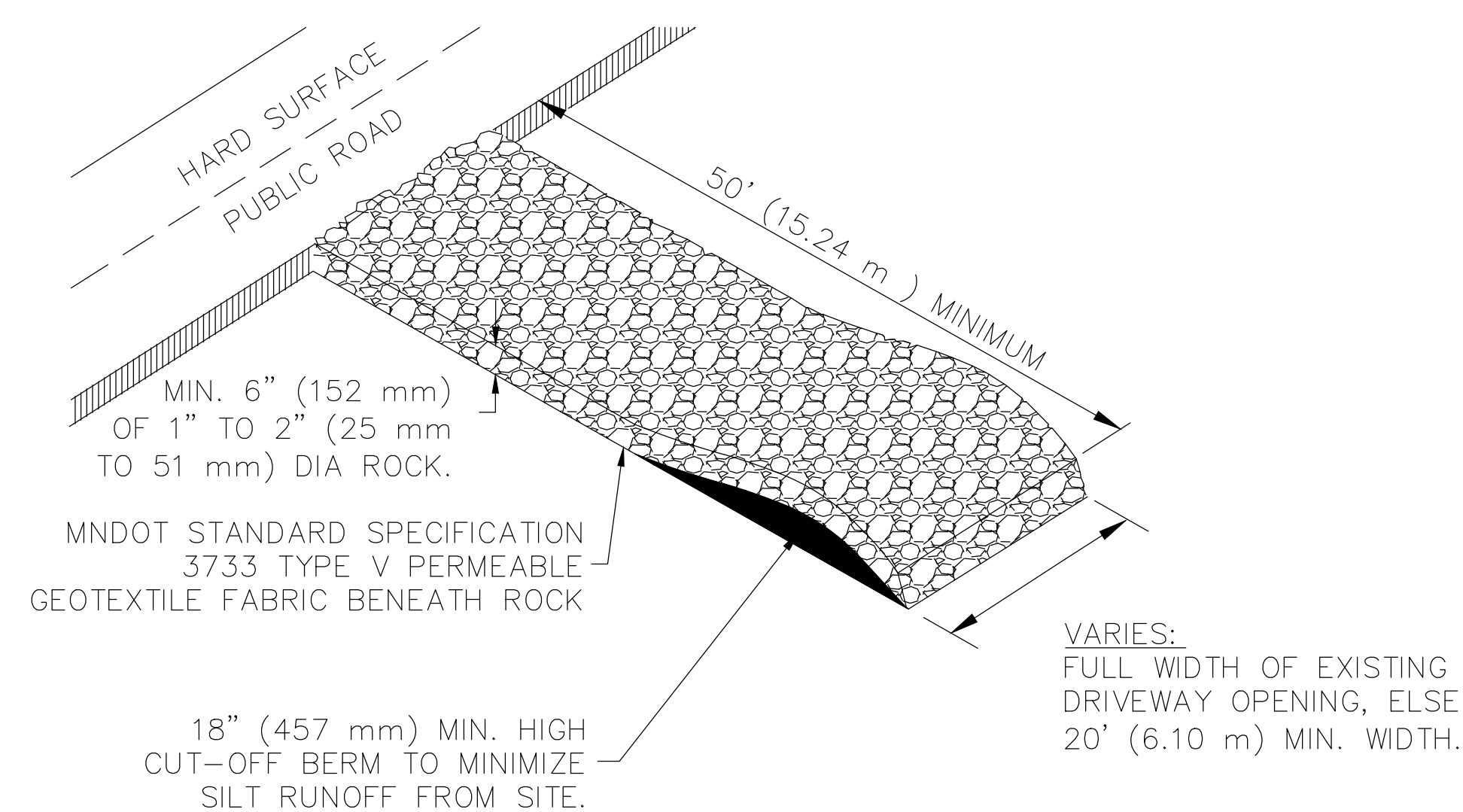
USE WHERE INLET DRAINS IN AN AREA WITH SLOPES AT 1:3 or LESS

INLET PROTECTION
SILT FENCE RING AND ROCK FILTER BERM

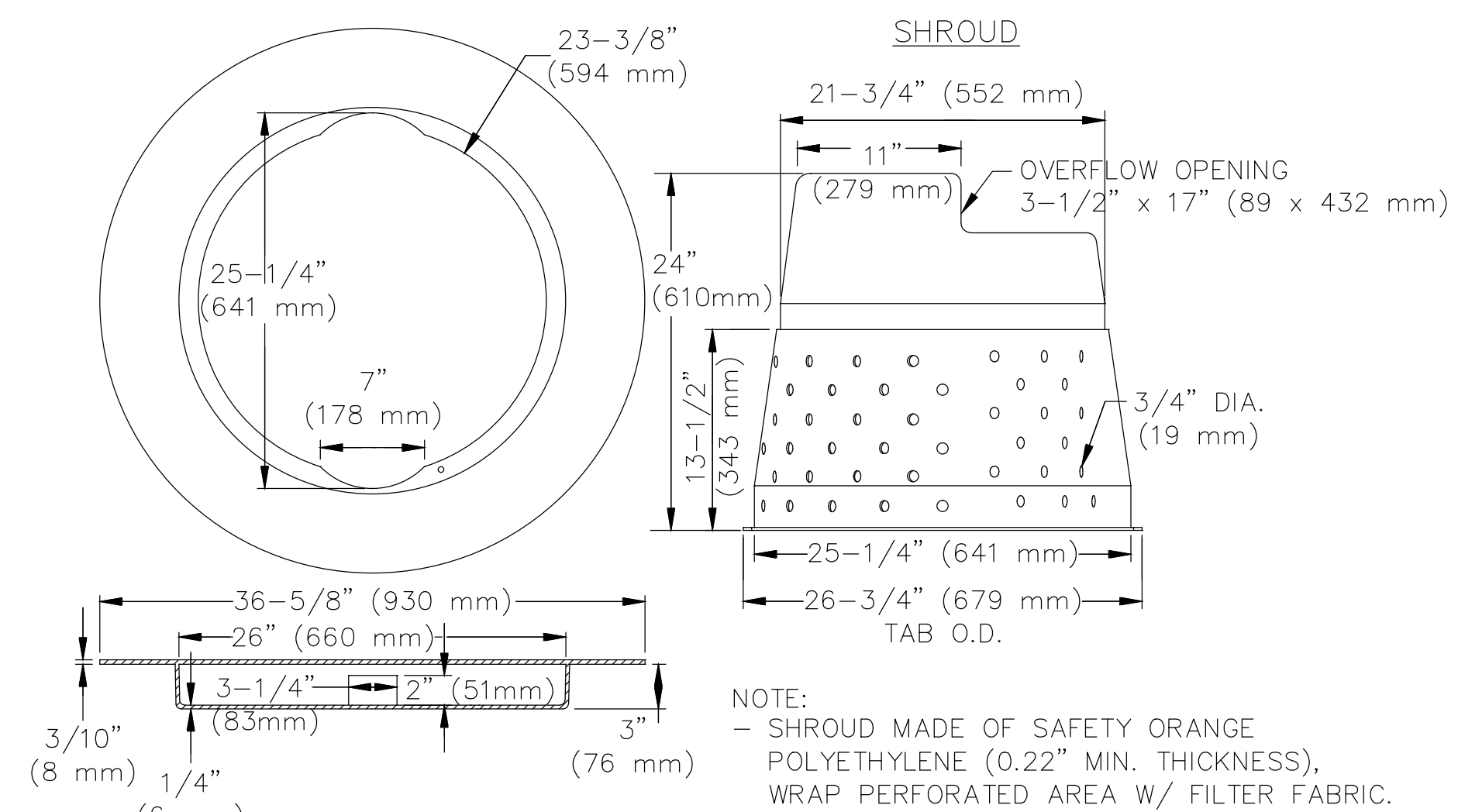


INLET PROTECTION, PERFORATED EROSION BARRIER

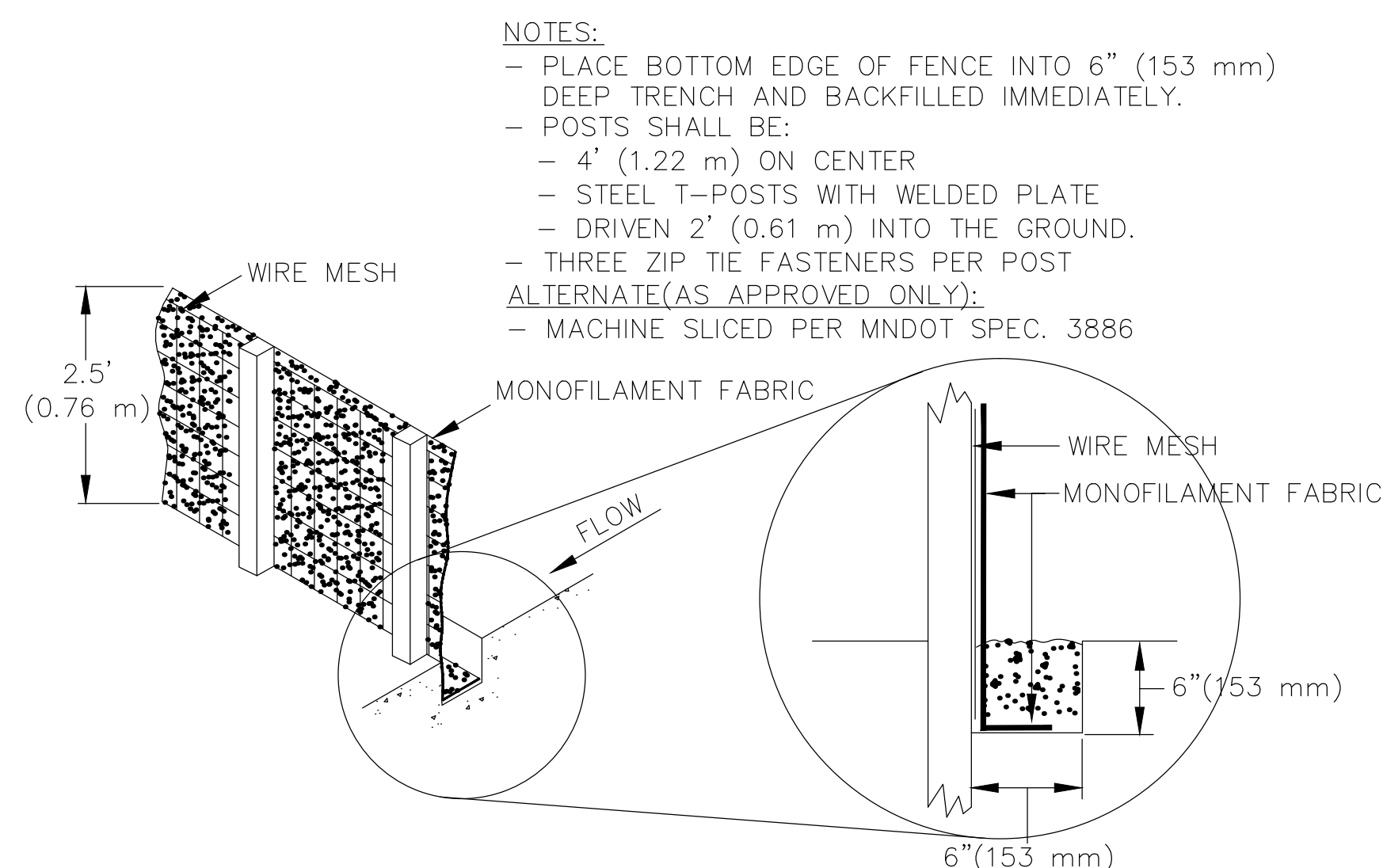
SHROUD W/ 2' x 3' (0.61 x 0.91 m) FRAME
INLET_SHROUD_2x3.dwg 4/2009



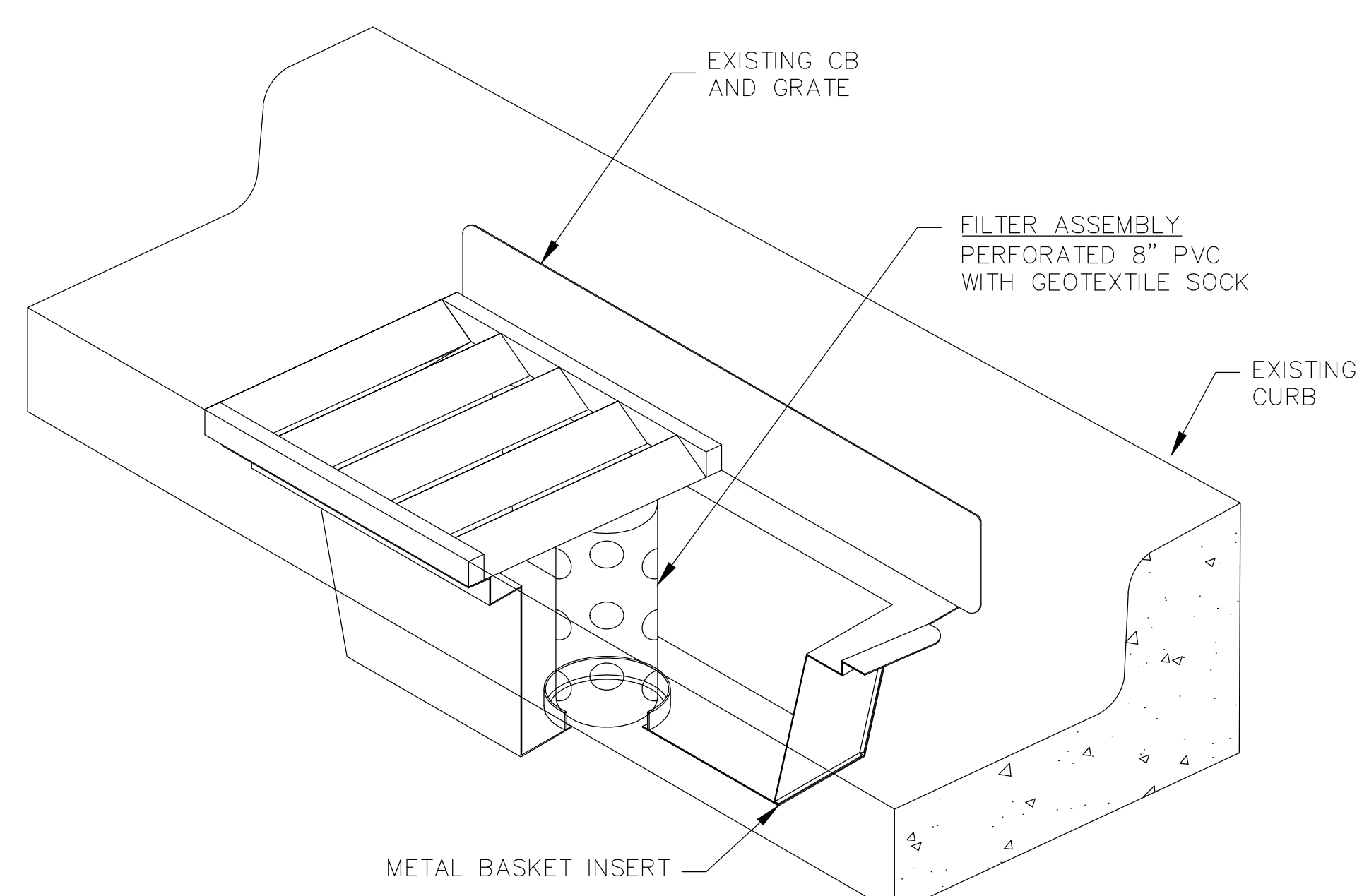
ROCK CONSTRUCTION ENTRANCE AT ACCESS ROADS
ROCK-ENTR.dwg 4/2009



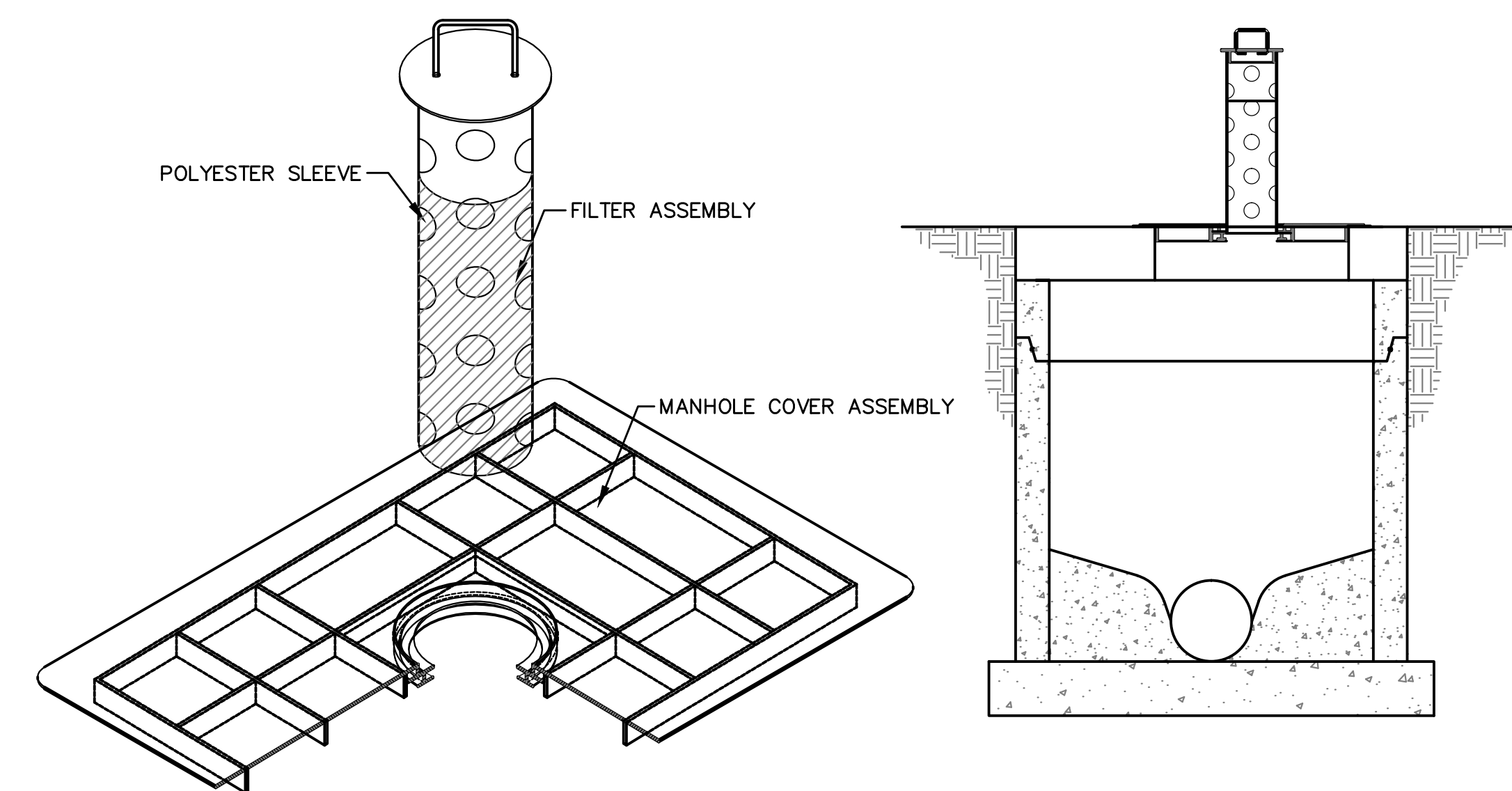
INLET PROTECTION, PERFORATED EROSION
BARRIER SHROUD W/ 27" DIA. FRAME
INLET_SHROUD_ROUND.dwg 4/2009



SILT FENCE, TYPE HEAVY DUTY
SILT_FEN_HD.dwg 4/2009



INLET PROTECTION, METAL BASKET TYPE
WIMCO_CB.dwg 4/2009



INLET PROTECTION, MANHOLE COVER ASSEMBLY
WIMCON MH.dwg 10/2013

1073011

I HEREBY CERTIFY THAT THIS PLAN,
SPECIFICATION, OR REPORT WAS
PREPARED BY ME OR UNDER MY DIRECT
SUPERVISION AND THAT I AM A DULY
LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF
MINNESOTA.

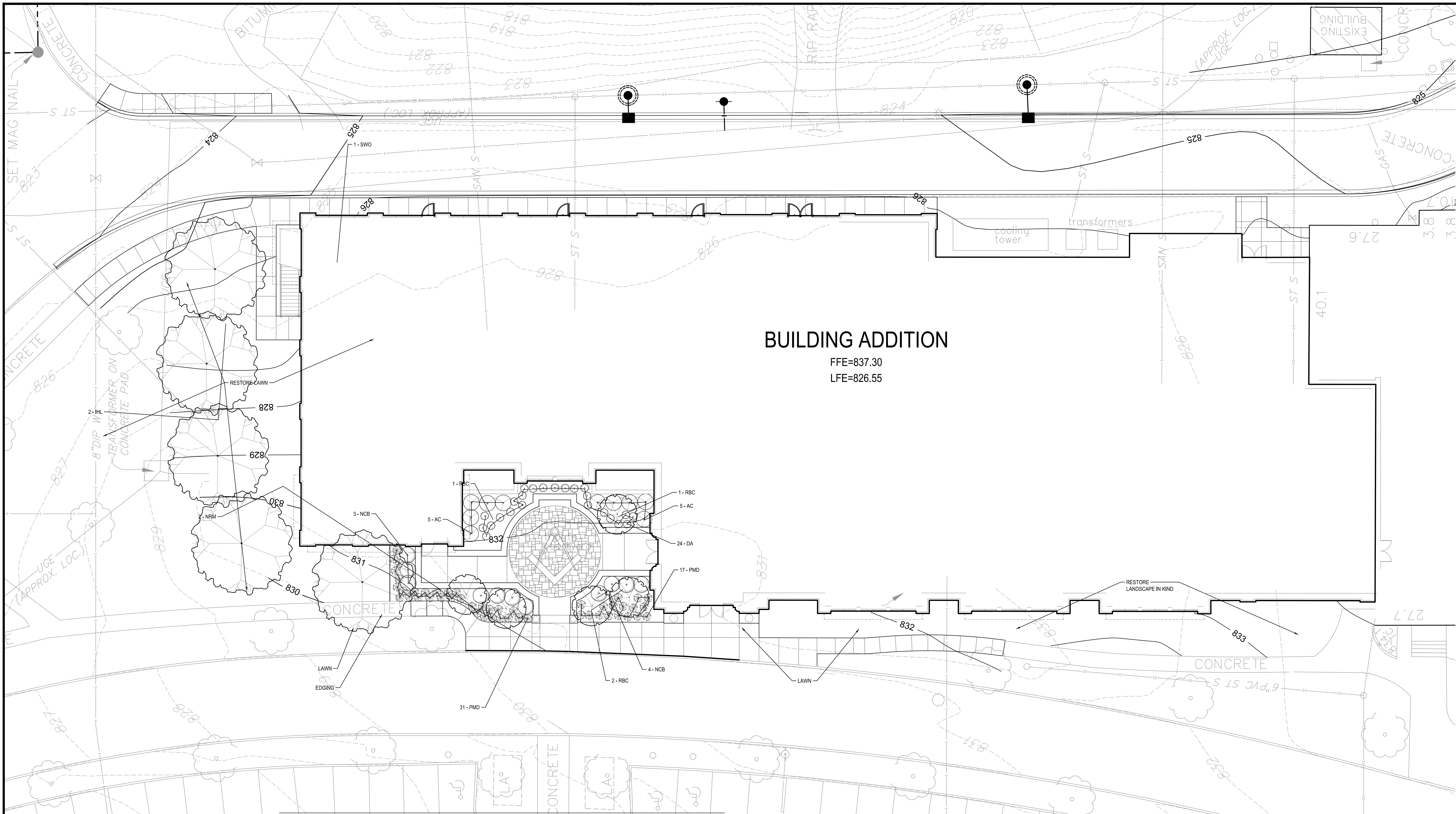
Matthew R. Pavak
DATE 5/6/14 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY	
DATE	DESCRIPTION
4/16/14	DRC SUBMITTAL
5/6/2014	DRC RESUBMITTAL

REVISION SUMMARY	
DATE	DESCRIPTION

STORM WATER POLLUTION
PREVENTION PLAN (SWPPP)
NOTES & DETAILS

SW1.2



BUILDING ADDITION

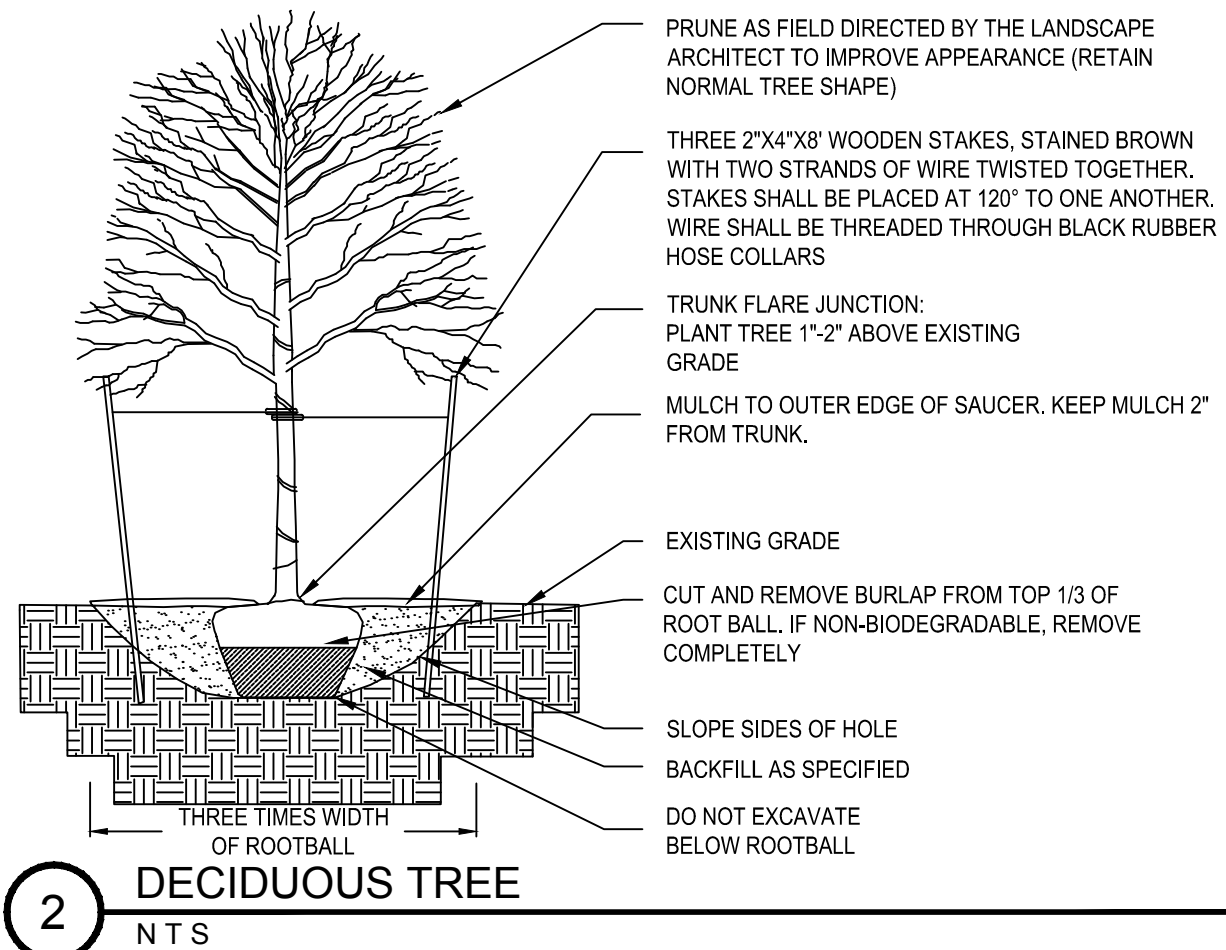
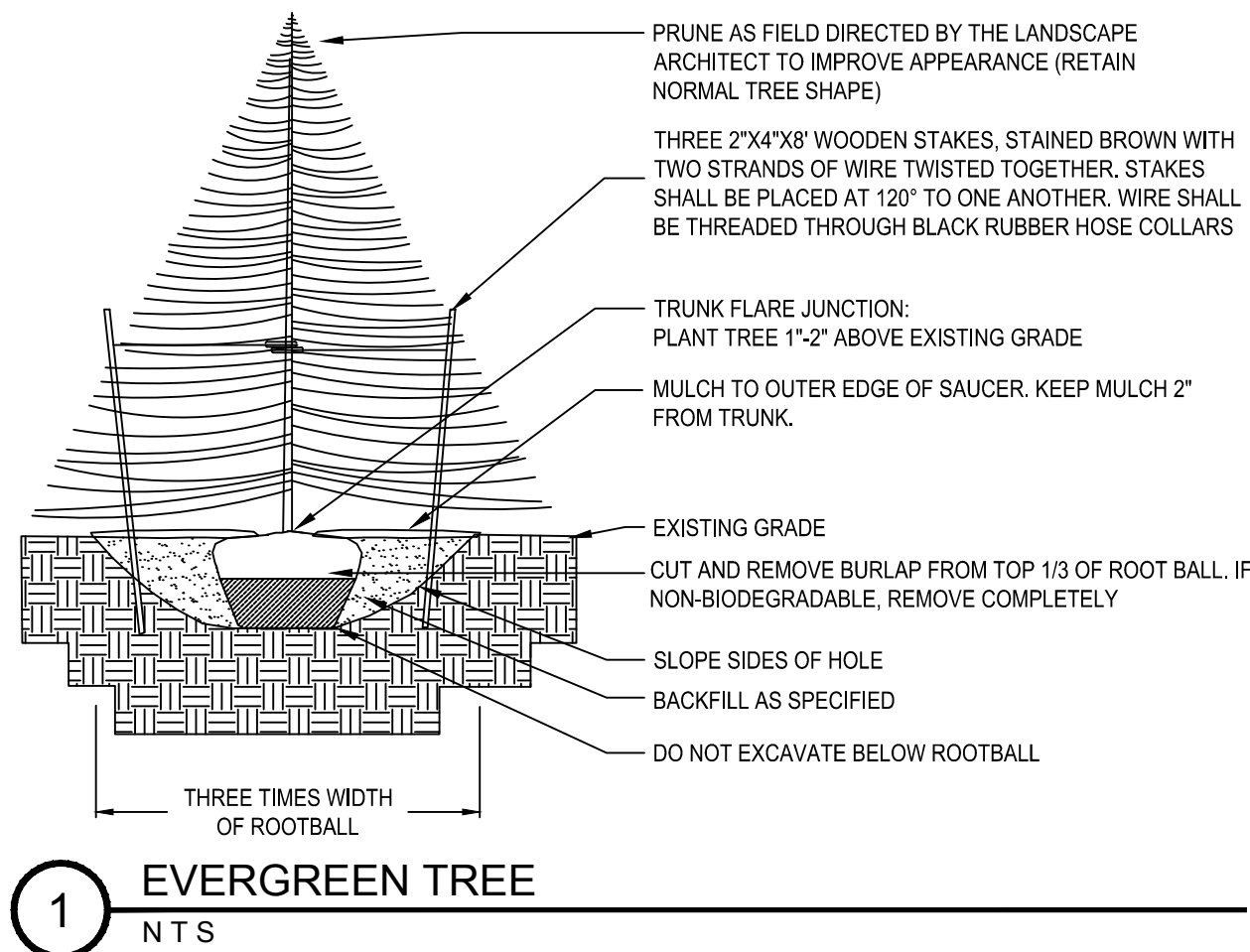
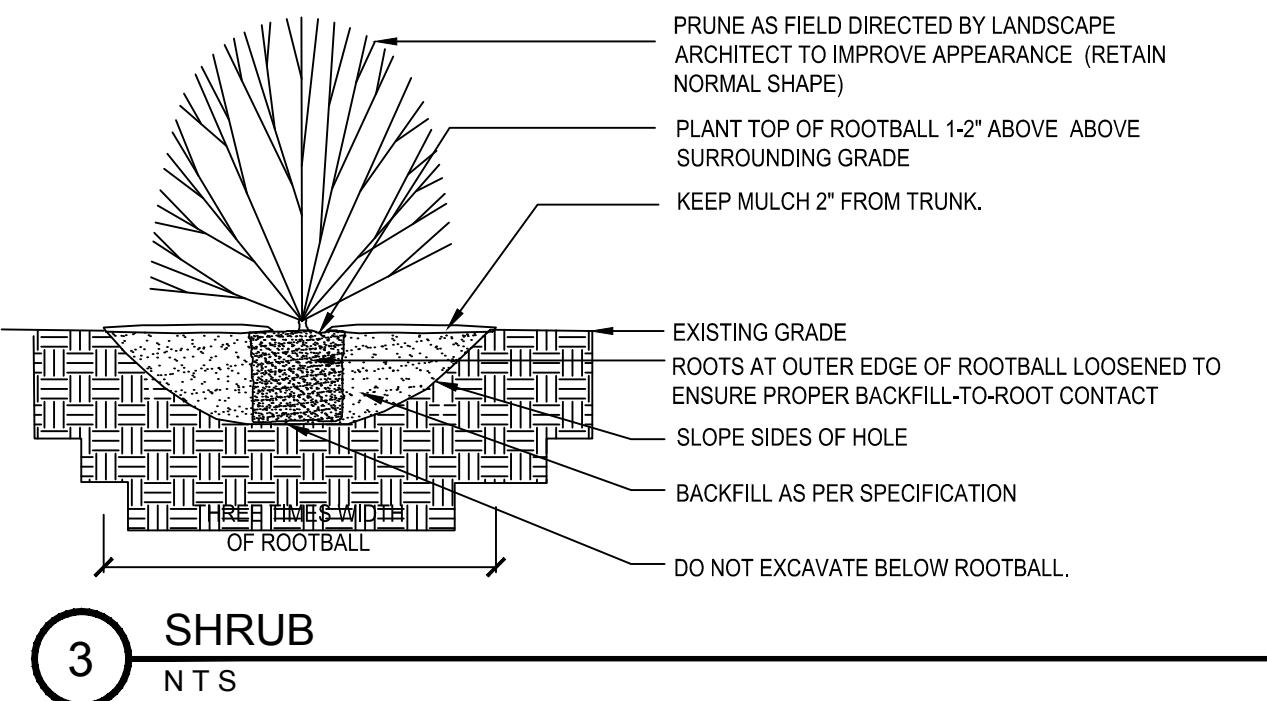
FFE=837.30
LFE=826.55

LANDSCAPE NOTES:

- ALL SHRUB BEDS SHALL BE MULCHED WITH 4" DEPTH OF DOUBLE SHREDDED HARDWOOD MULCH OVER WEED BARRIER. OWNER'S REP SHALL APPROVE MULCH SAMPLE PRIOR TO INSTALLATION. EDGING SHALL BE METAL EDGING OR APPROVED EQUAL.
- PLANT MATERIALS SHALL CONFORM WITH THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS AND SHALL BE OF HARDY STOCK, FREE FROM DISEASE, DAMAGE AND DISFIGURATION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PLUMBNESS OF PLANT MATERIAL FOR DURING OF ACCEPTANCE PERIOD.
- UPON DISCOVERY OF A DISCREPANCY BETWEEN THE QUANTITY OF PLANTS SHOWN ON THE SCHEDULE AND THE QUANTITY SHOWN ON THE PLAN, THE PLAN SHALL GOVERN.
- CONDITION OF VEGETATION SHALL BE MONITORED BY THE LANDSCAPE ARCHITECT THROUGHOUT THE DURATION OF THE CONTRACT. LANDSCAPE MATERIALS PART OF THE CONTRACT SHALL BE WARRANTED FOR ONE (1) FULL GROWING SEASONS FROM SUBSTANTIAL COMPLETION DATE.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 4" LAYER LOAM AND SOD AS SPECIFIED UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- COORDINATE LOCATION OF VEGETATION WITH UNDERGROUND AND OVERHEAD UTILITIES, LIGHTING FIXTURES, DOORS AND WINDOWS. CONTRACTOR SHALL STAKE IN THE FIELD FINAL LOCATION OF TREES AND SHRUBS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANT MATERIALS SHALL BE WATERED AND MAINTAINED UNTIL ACCEPTANCE.
- REPAIR AT NO COST TO OWNER ALL DAMAGE RESULTING FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.
- SWEEP AND MAINTAIN ALL PAVED SURFACES FREE OF DEBRIS GENERATED FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.

PLANT SCHEDULE - ENTIRE SITE

SYM	QUANT.	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	COMMENTS
DECIDUOUS TREES						
IHL	2	IMPERIAL HONEYLOCUST	Gleditsia triacanthos 'Imperial'	2.5"	B&B	STRAIGHT LEADER, FULL FORM
SWO	1	SWAMP WHITE OAK	Quercus bicolor			
NRM	2	NORTHWOOD RED MAPLE	Acer rubrum 'Northwood'			
ORNAMENTAL TREES						
RBC	6	RED BARON CRABAPPLE	Malus 'Red Baron'	1.5"	B&B	STRAIGHT LEADER, FULL FORM
DECIDUOUS SHRUBS						
AC	10	ALPINE CURRANT	Ribes alpinum	#5	CONT.	DENSE BRANCHING
NCB	11	NORTHERN CHARM BOXWOOD	Buxus 'Wilson'	#5	CONT.	DENSE BRANCHING
PERENNIALS						
PMD	48	PARDON ME DAYLILLY	Hemerocallis 'Pardon Me'	#2	CONT.	
DA	24	DEUTSCHLAND ASTILBE	Astilbe japonica 'Deutschland'			



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